

FIG. 1

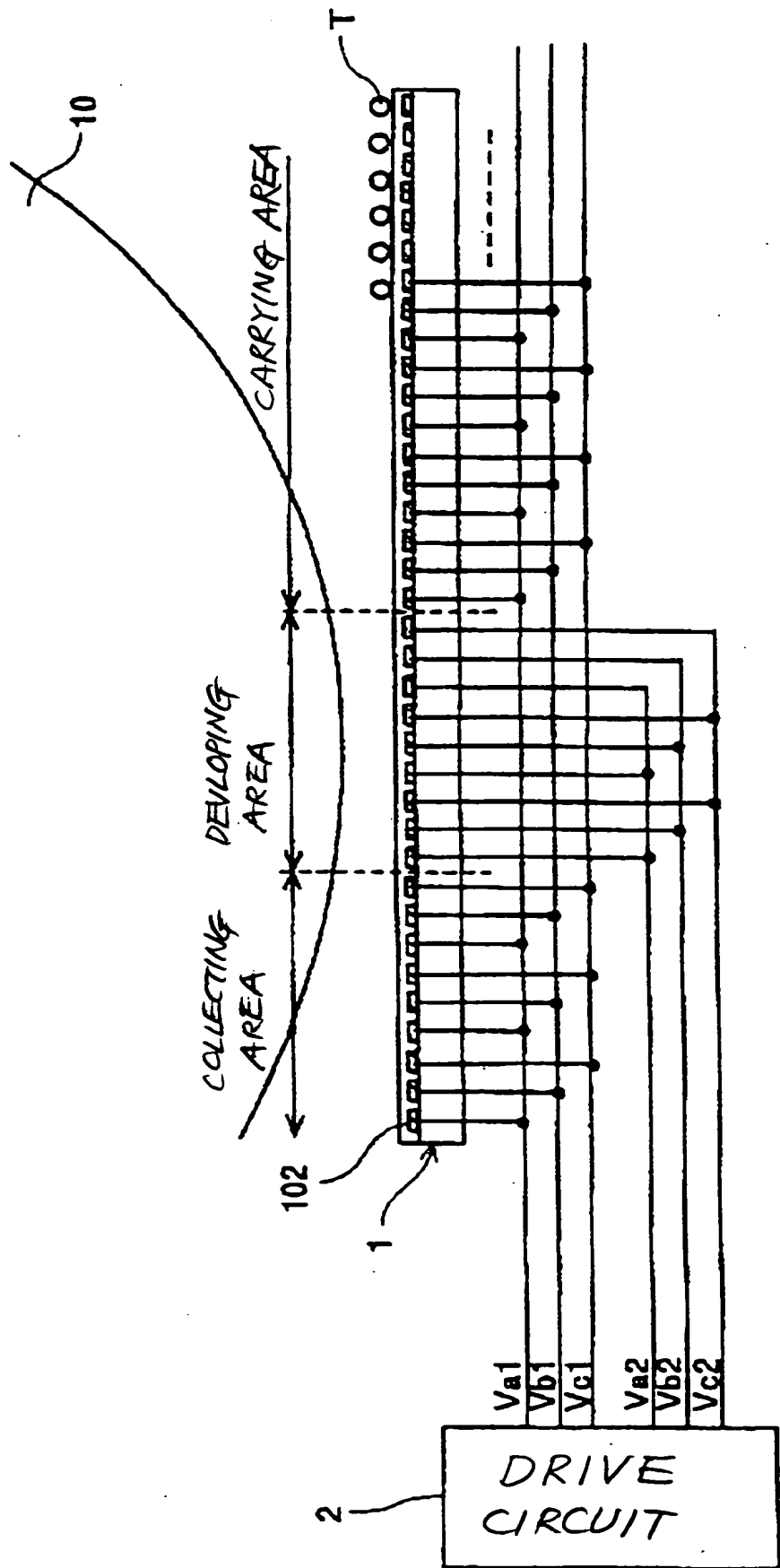


FIG. 2

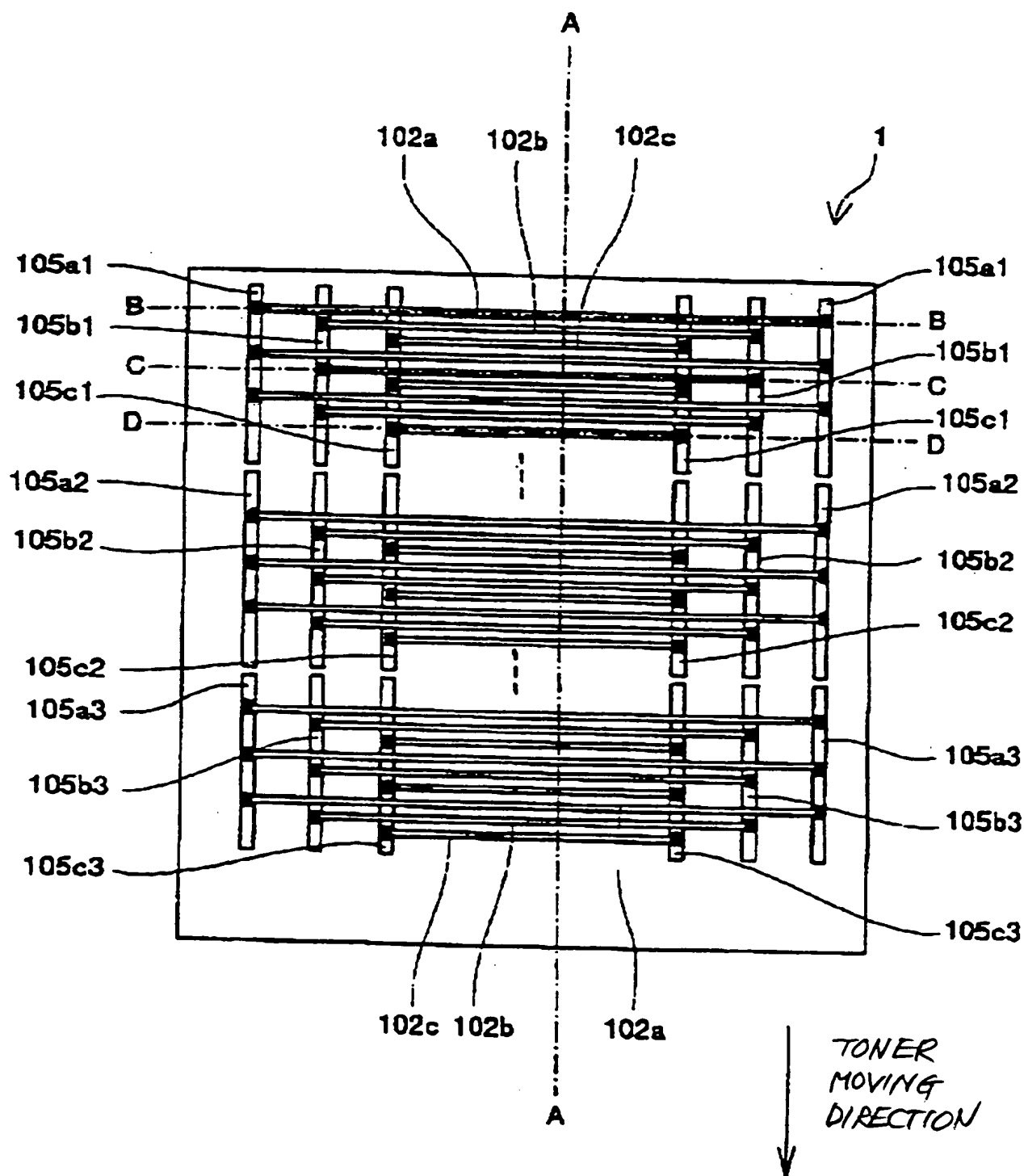


FIG. 3

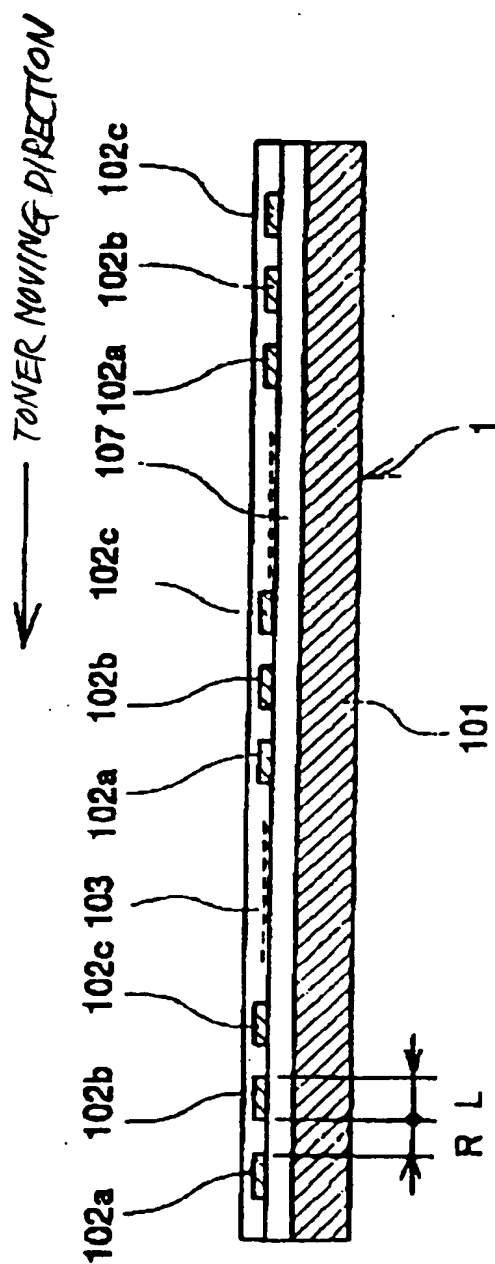


FIG. 4

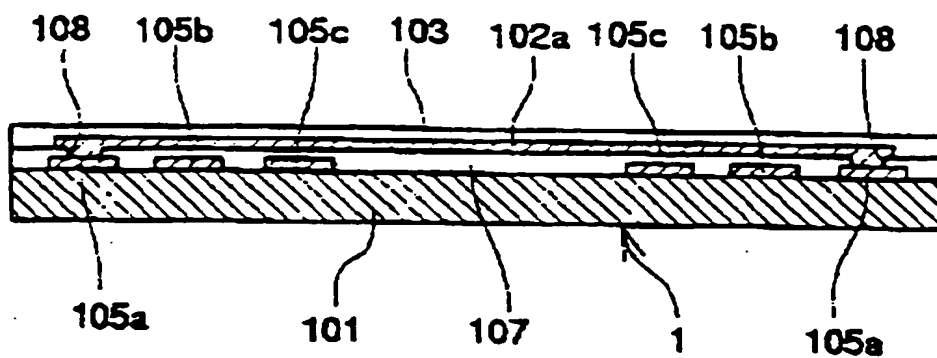


FIG. 5

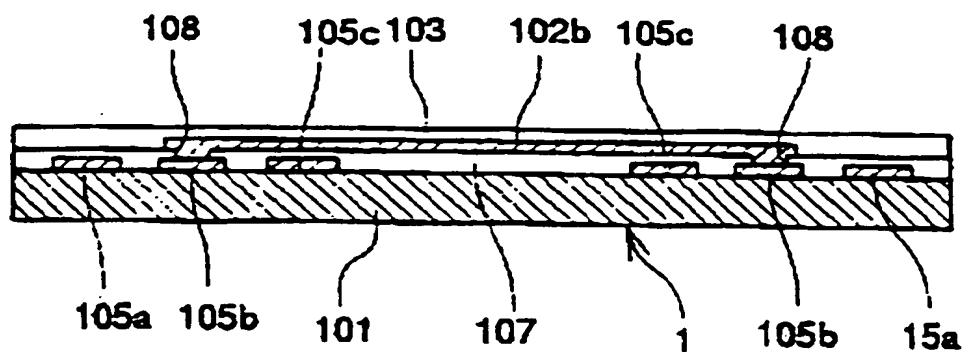


FIG. 6

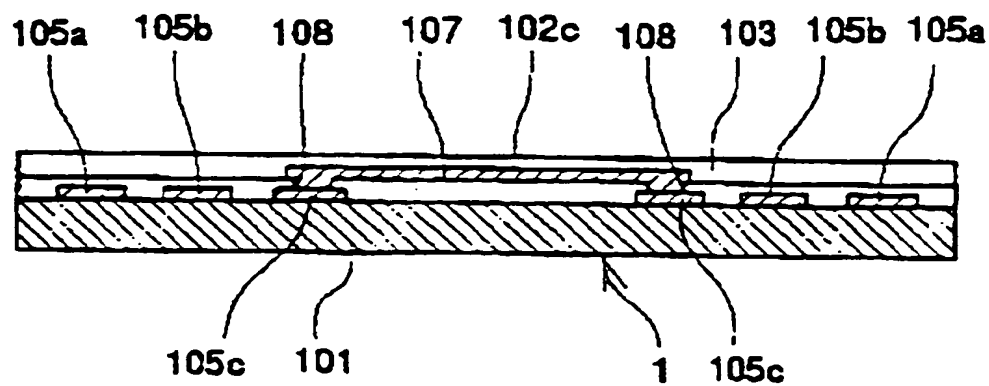


FIG. 7

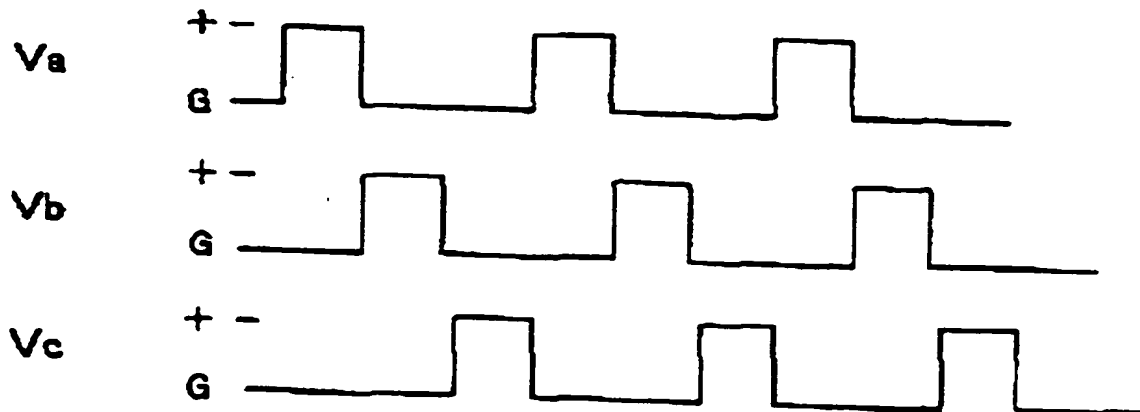


FIG. 8

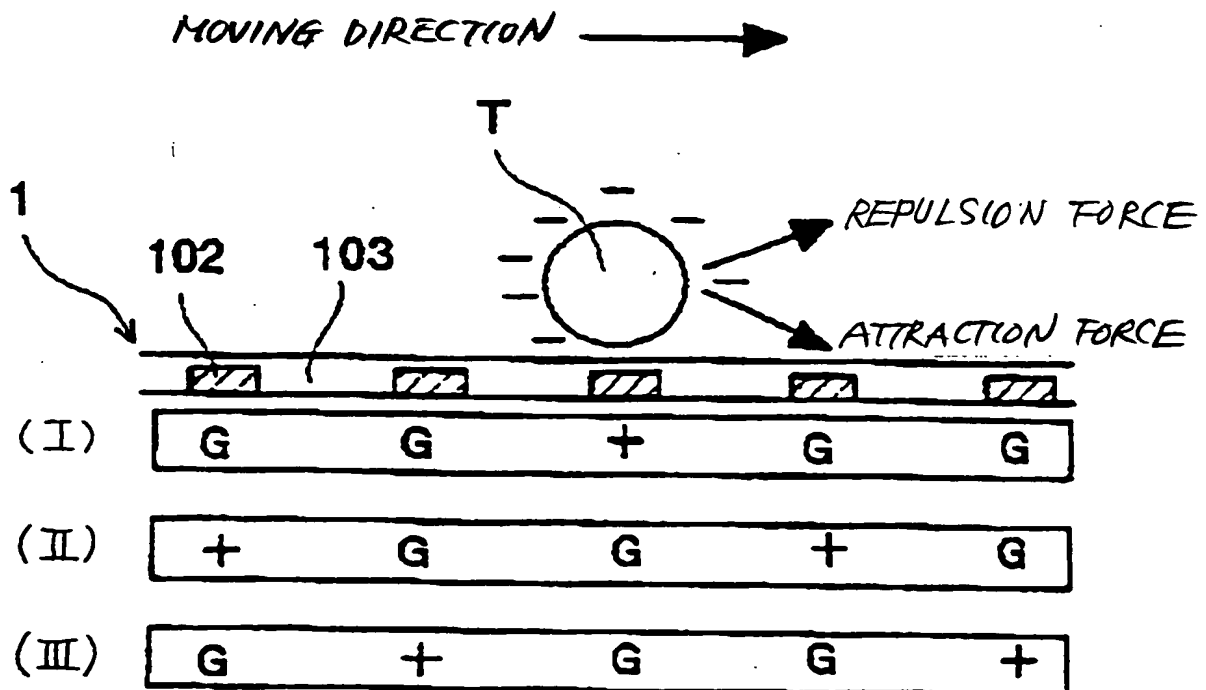


FIG. 9A

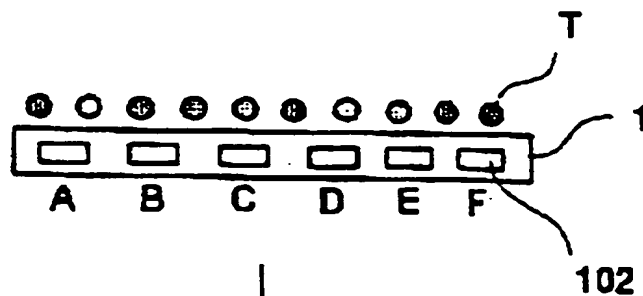


FIG. 9B

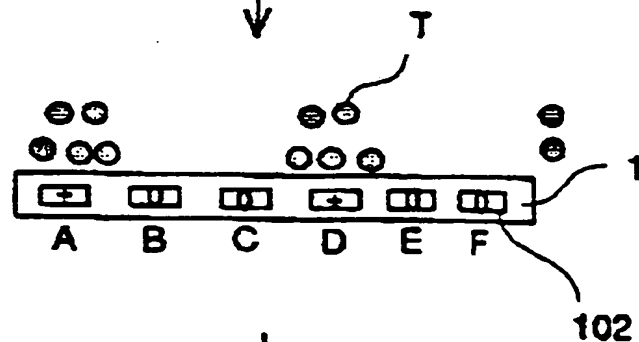


FIG. 9C

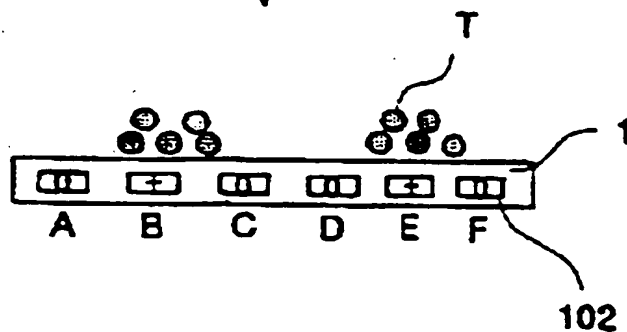


FIG. 9D

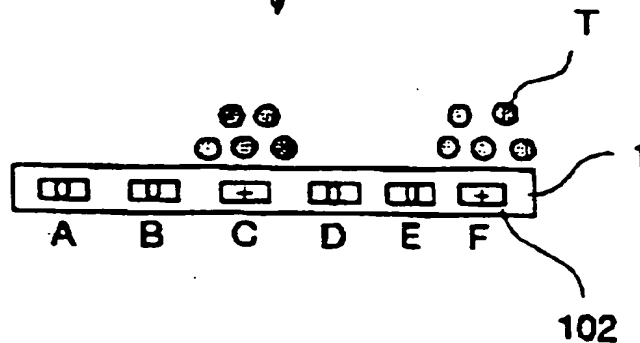


FIG. 10

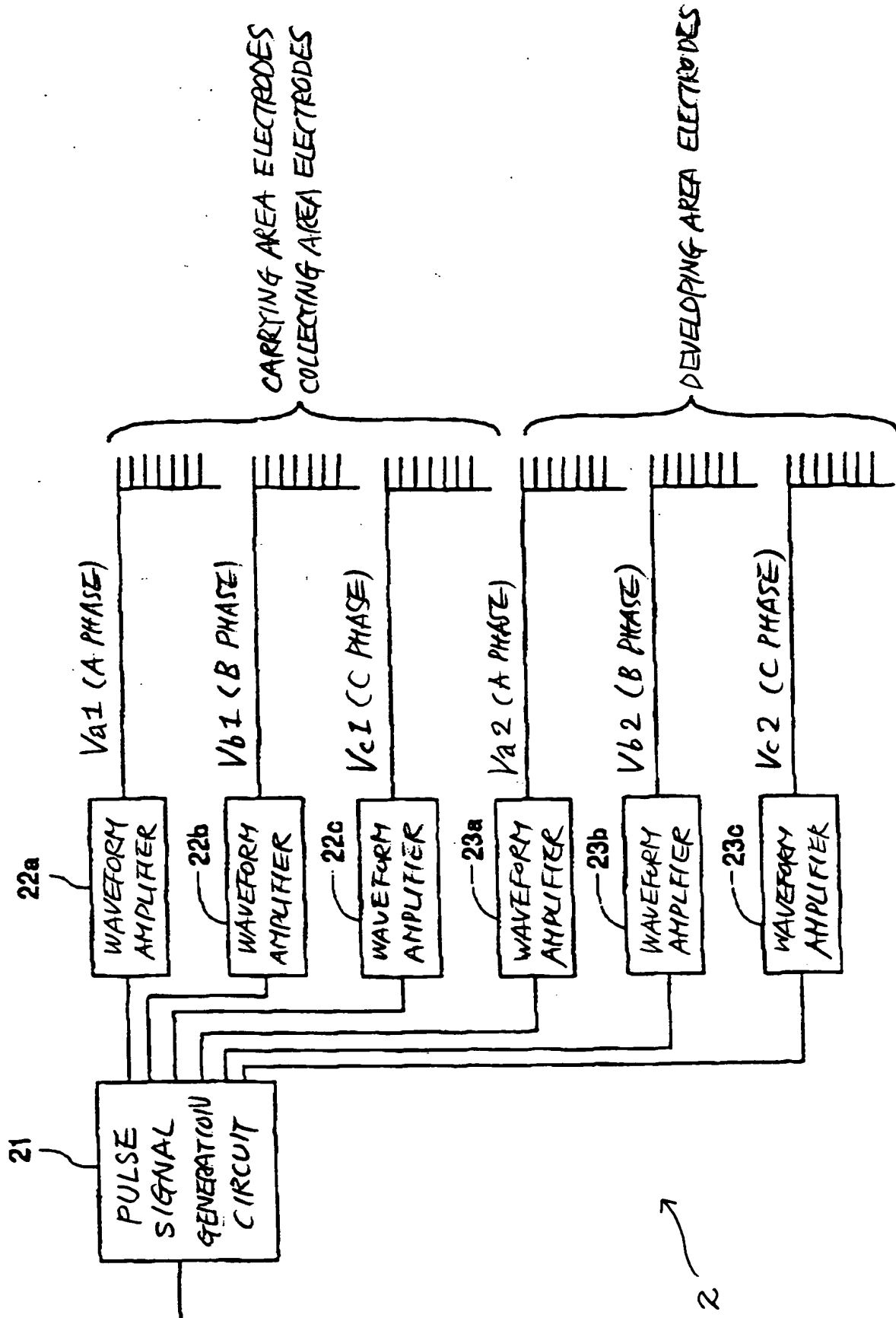


FIG. 11

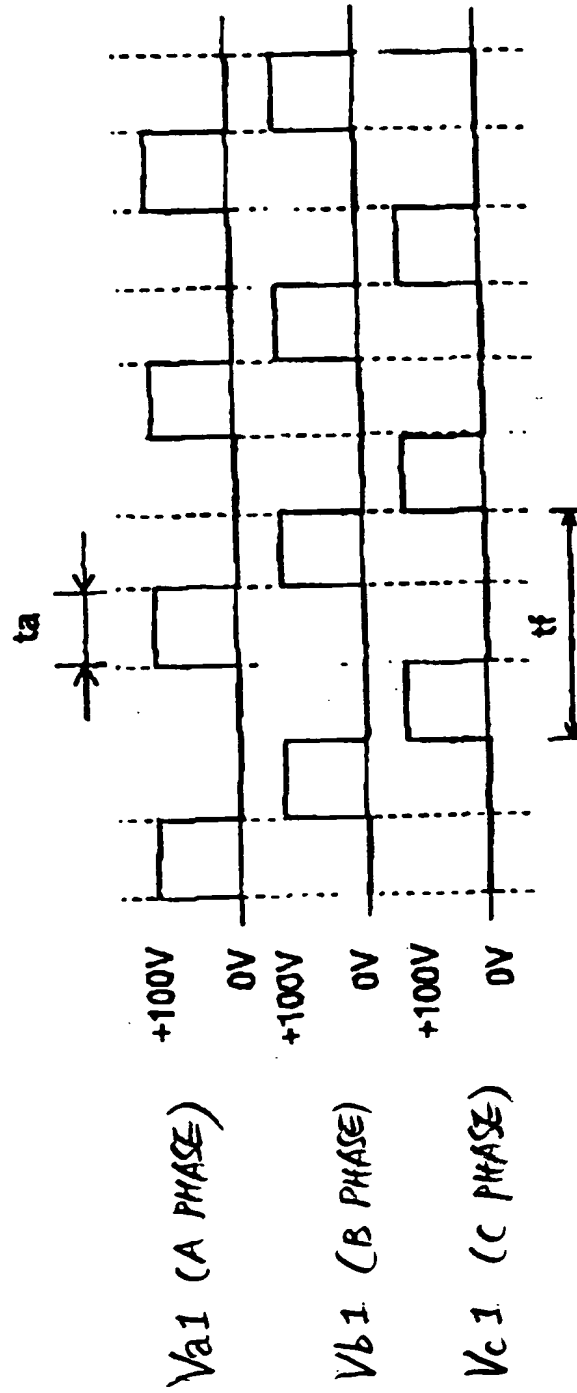


FIG. 12

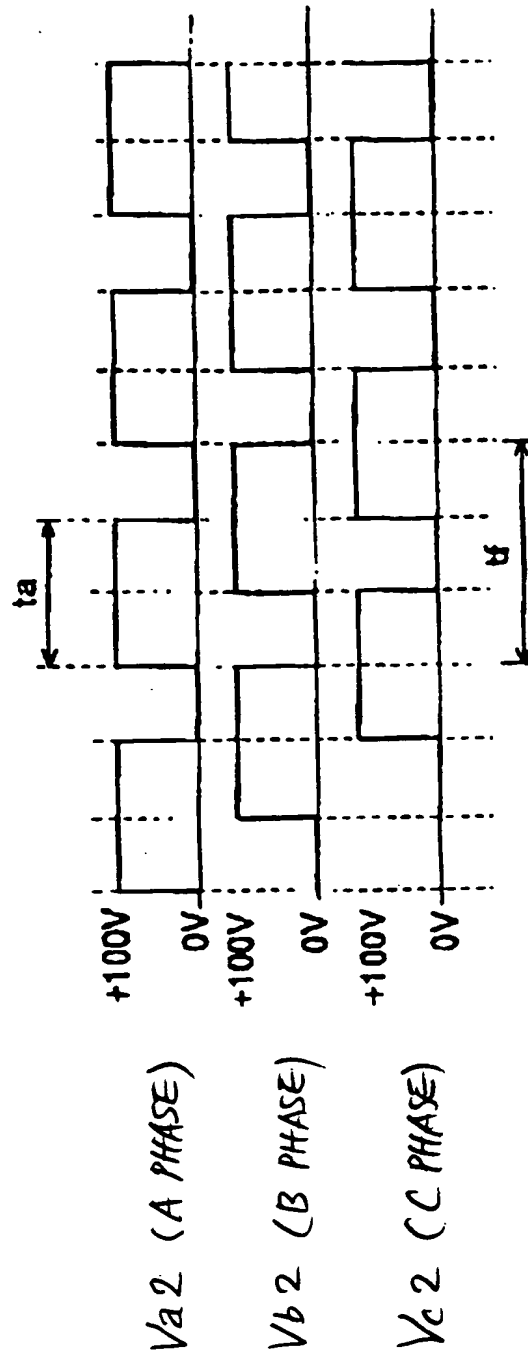


FIG. 13

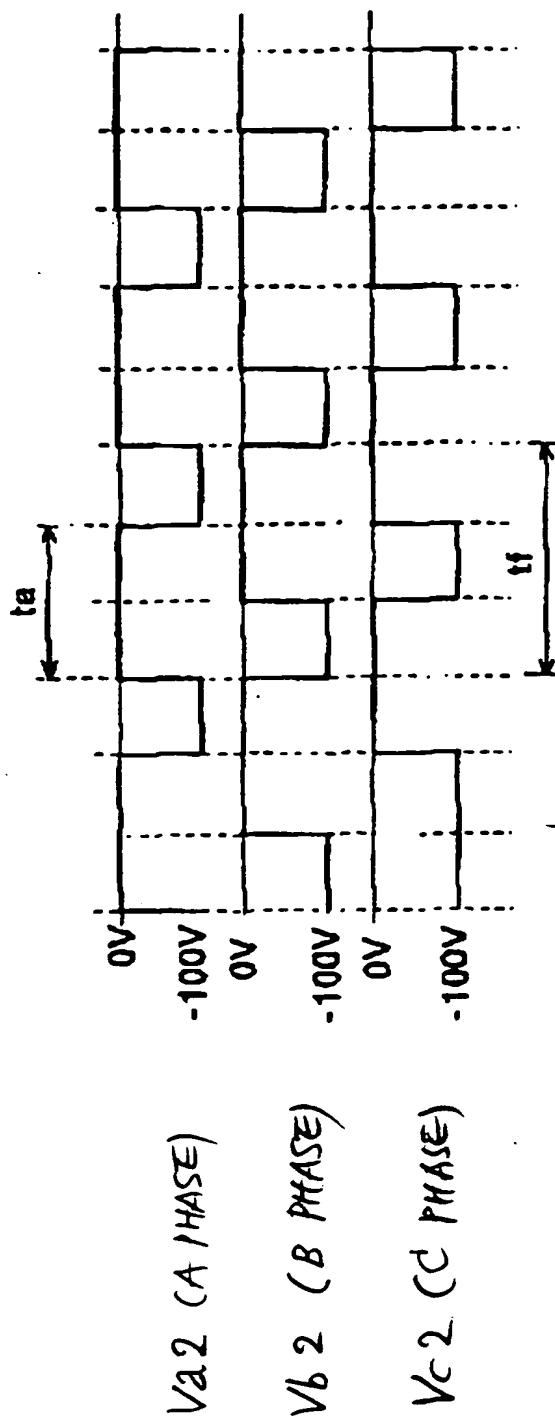


FIG. 14

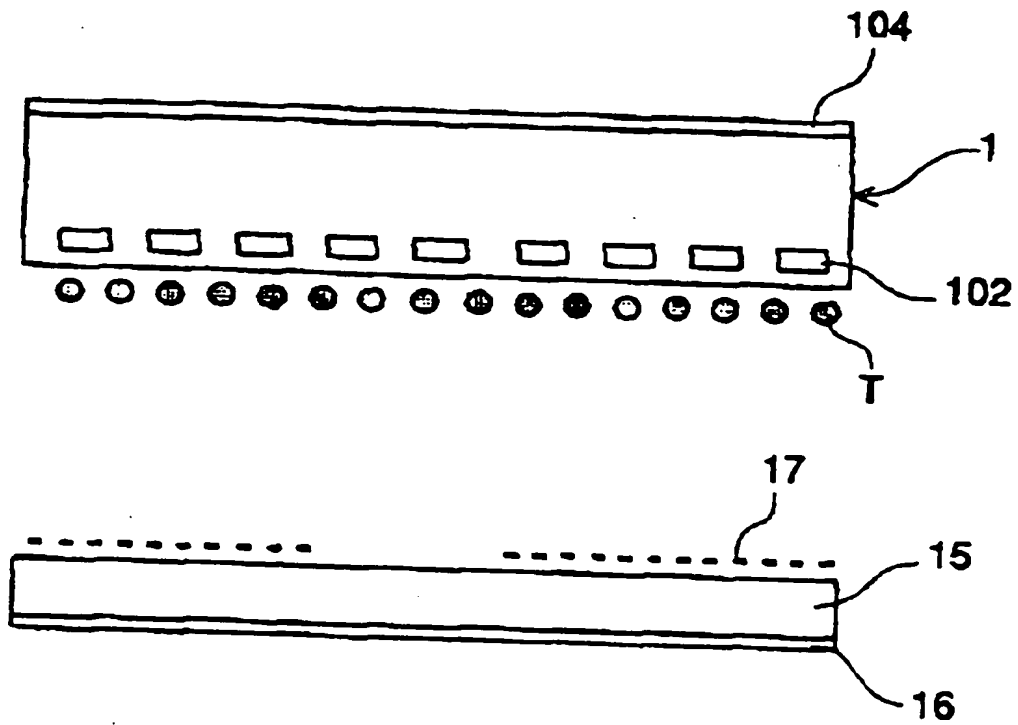


FIG. 15

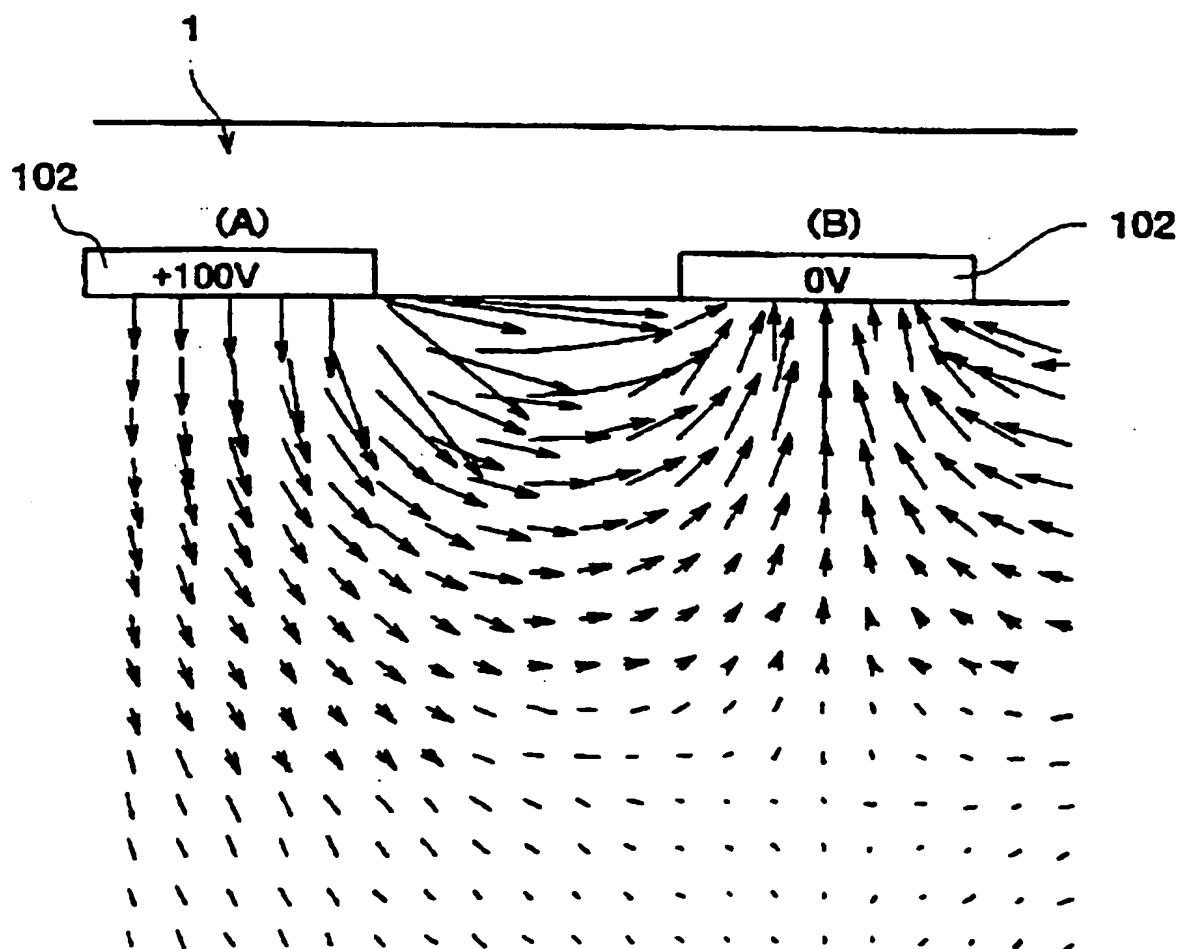


FIG. 16

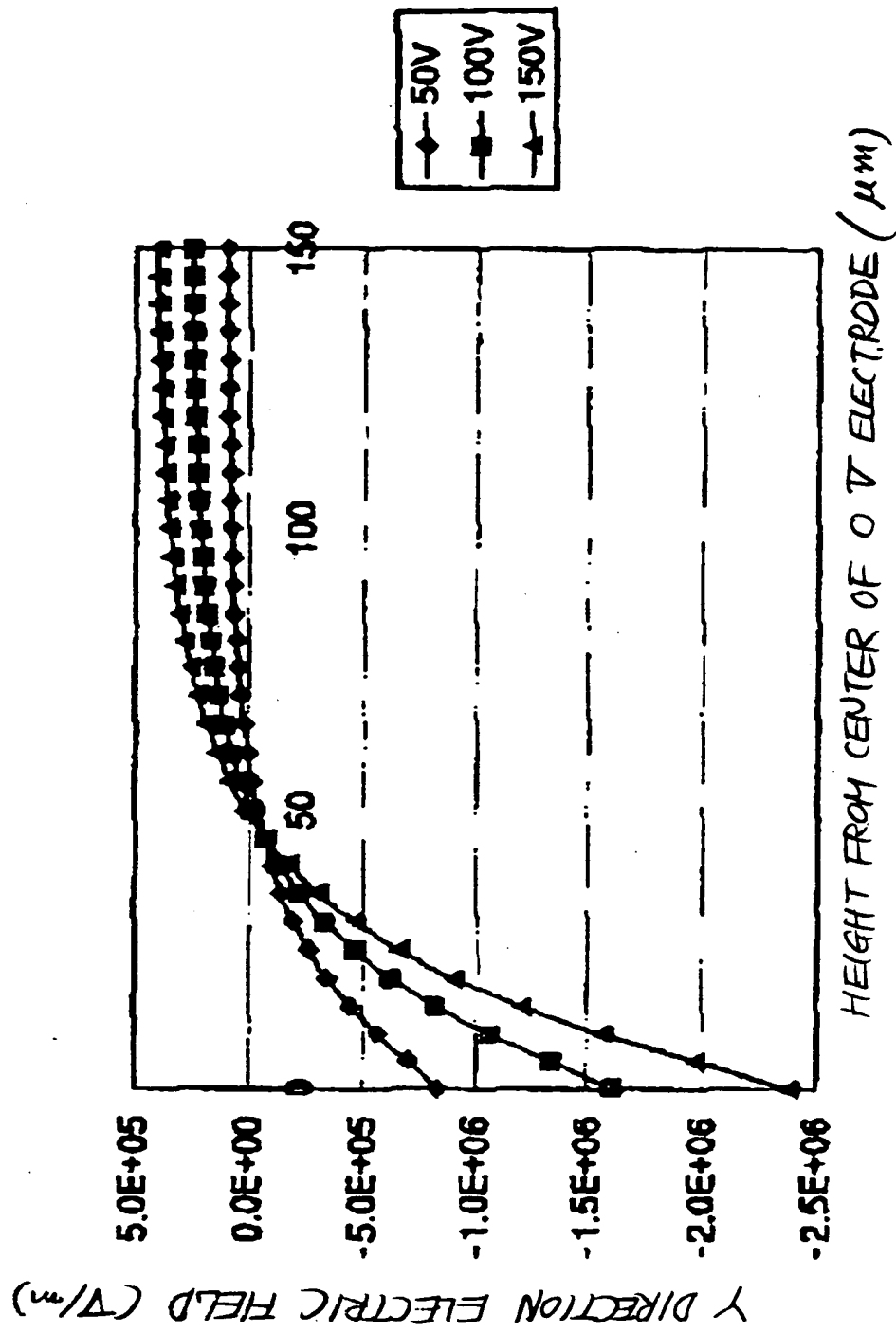


FIG. 17

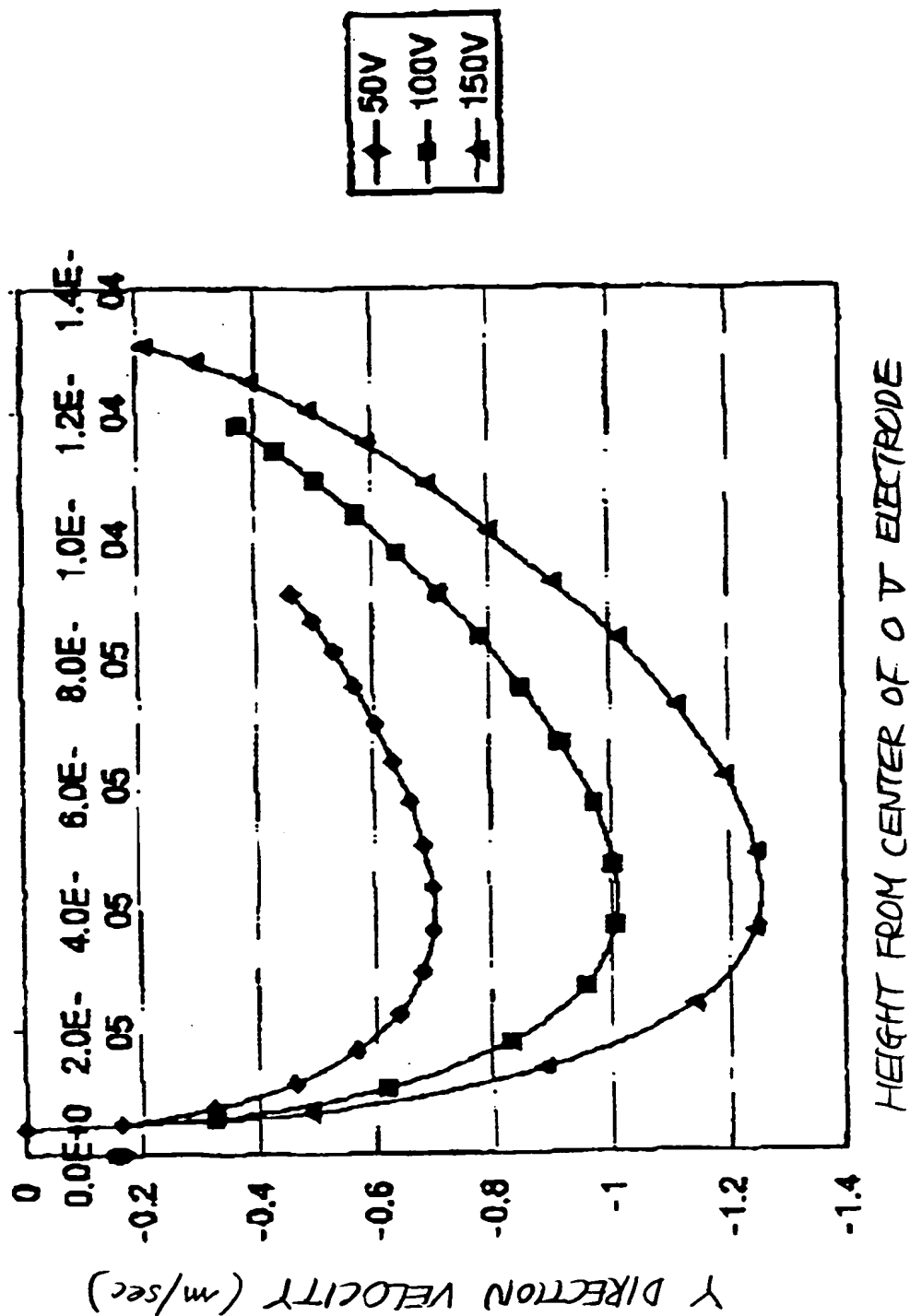


FIG. 18

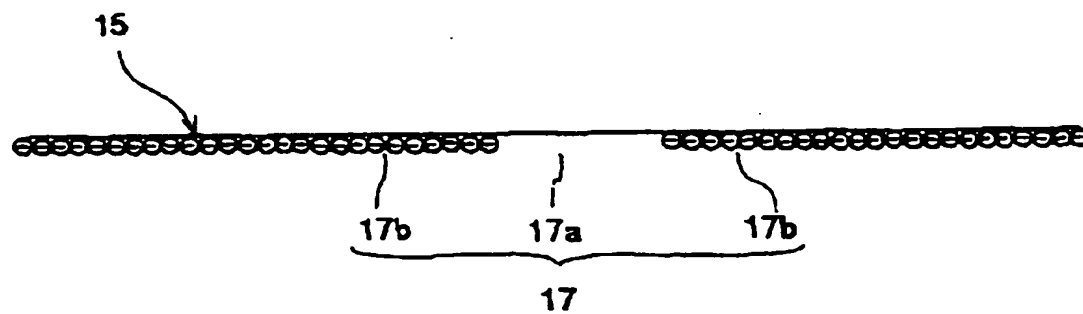
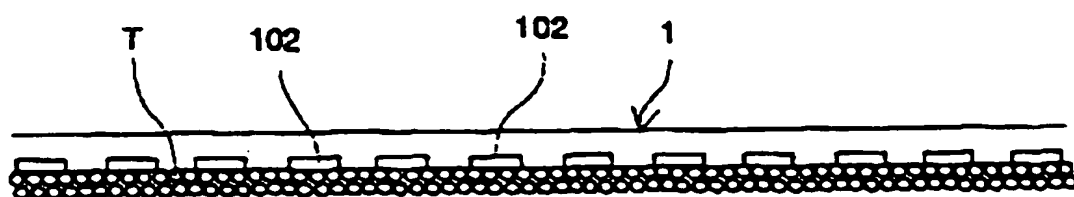


FIG. 19

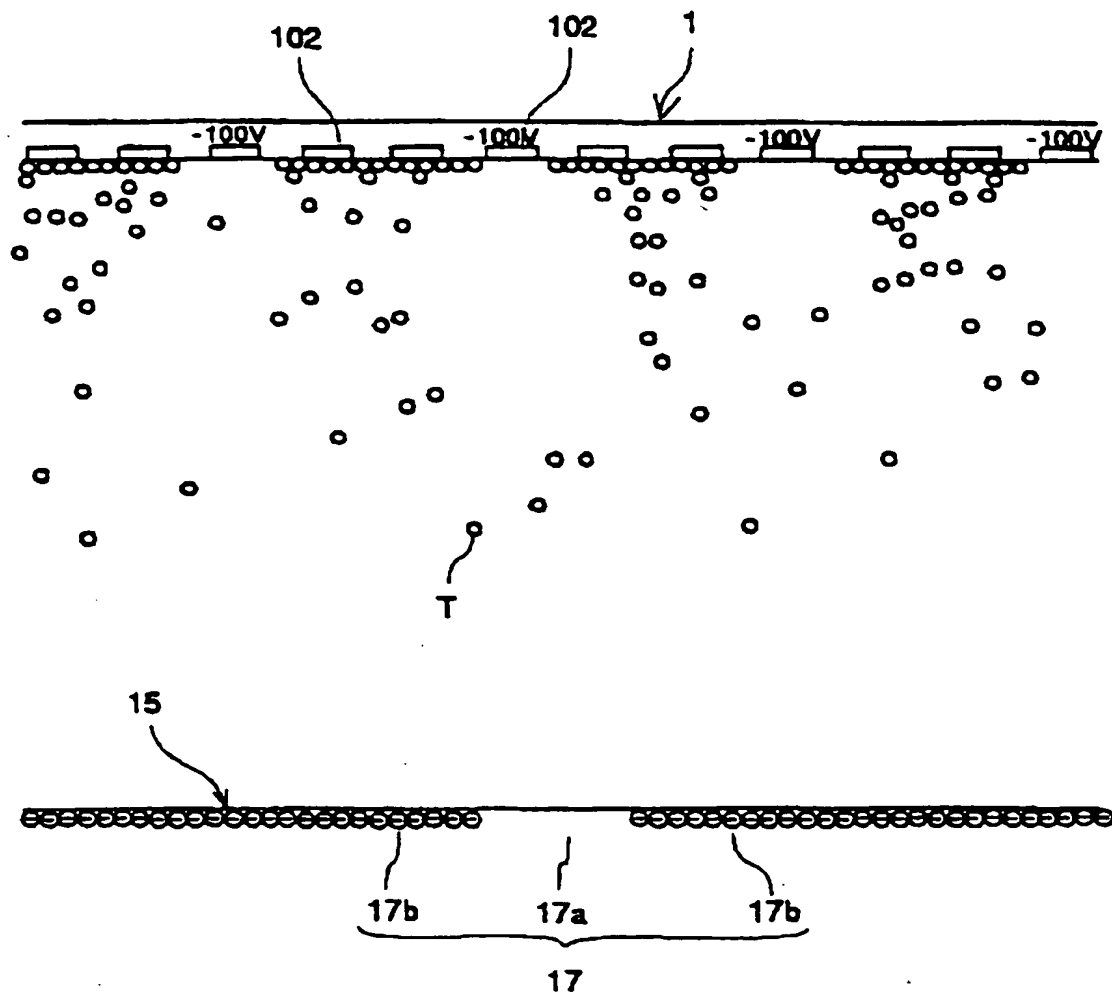


FIG. 20

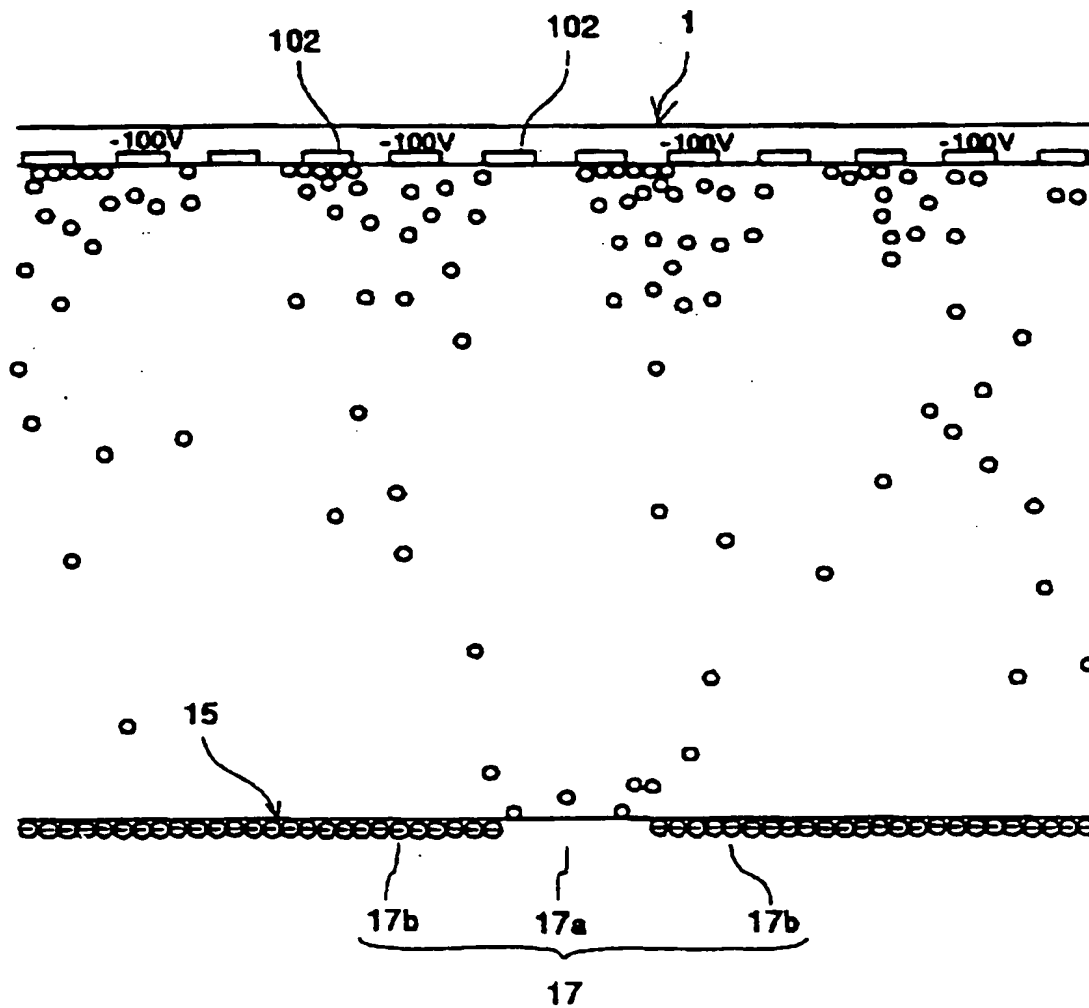


FIG. 21

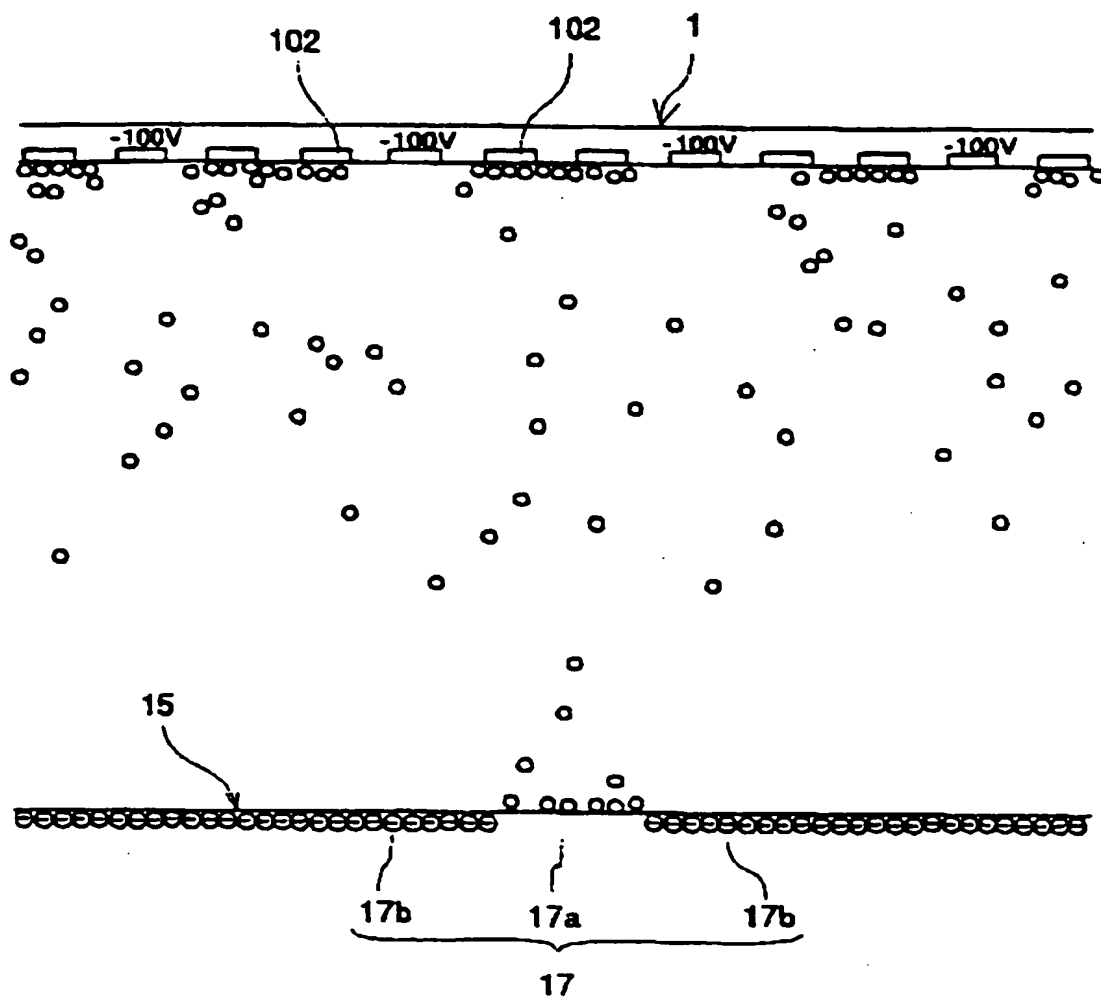


FIG. 22

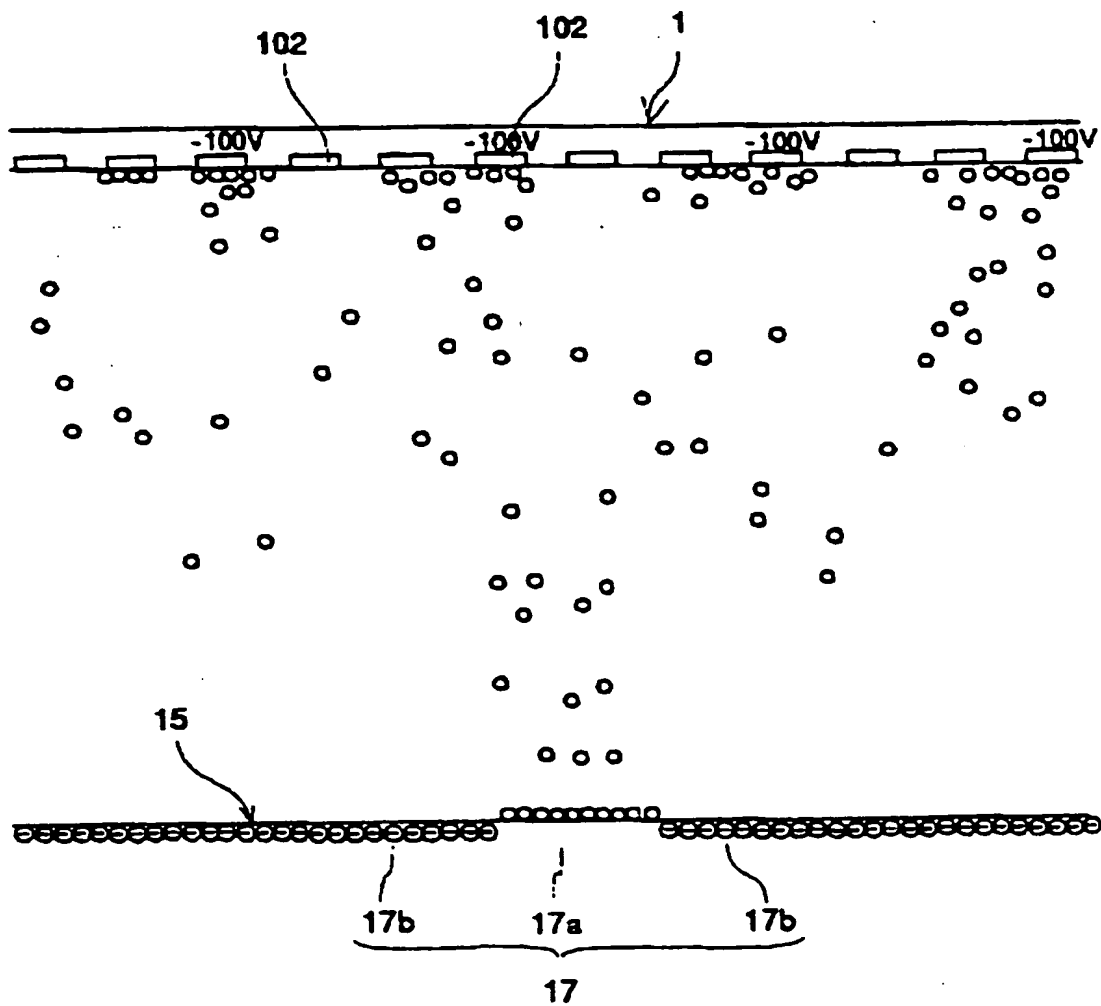


FIG. 23

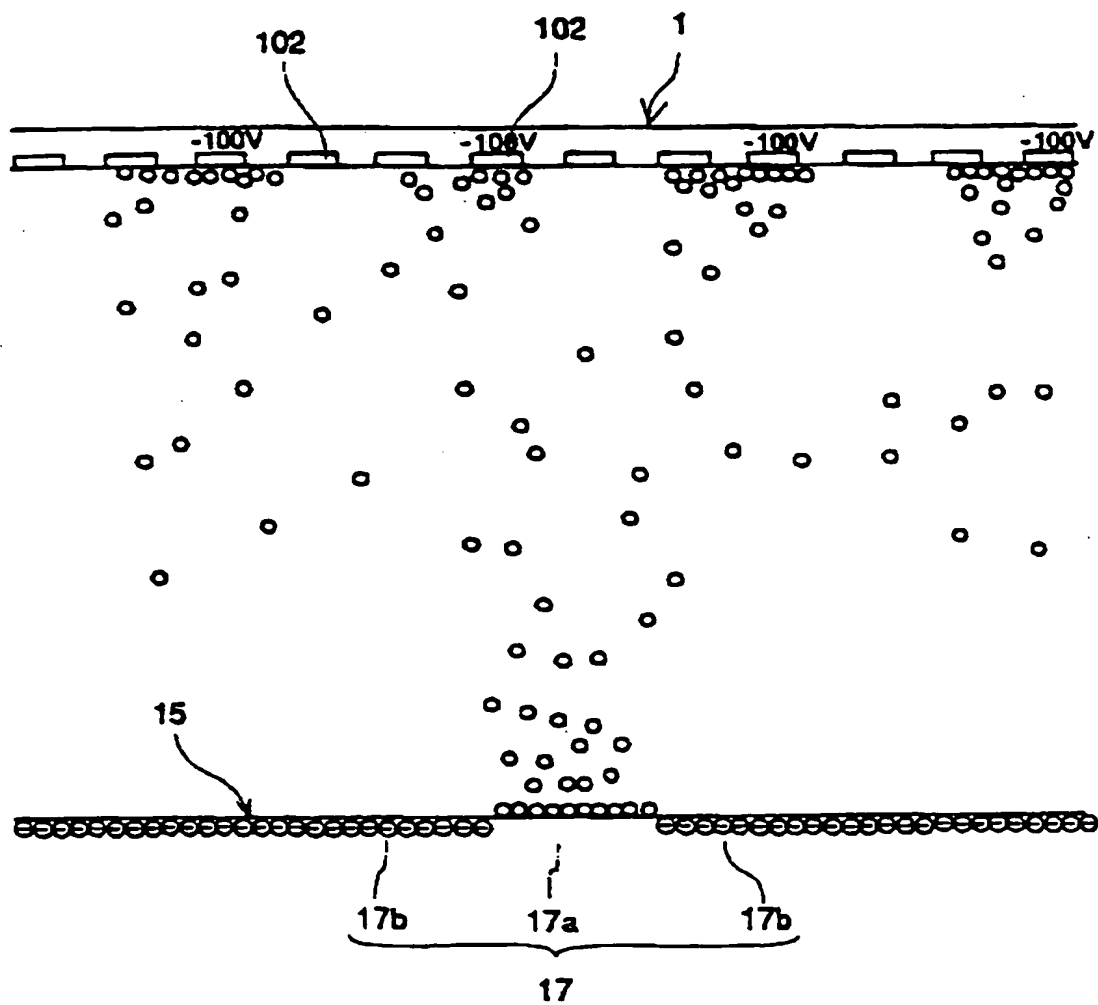


FIG. 24

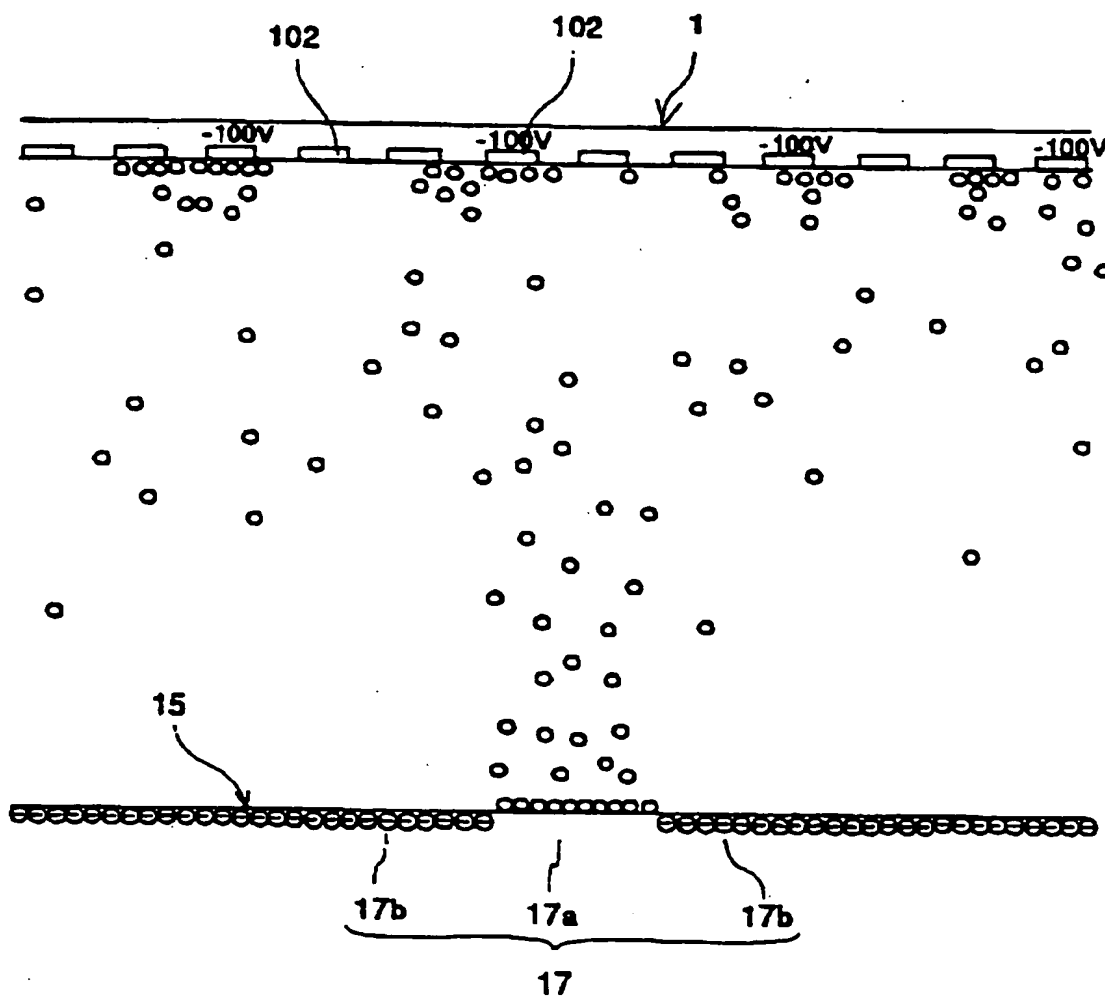


FIG. 25

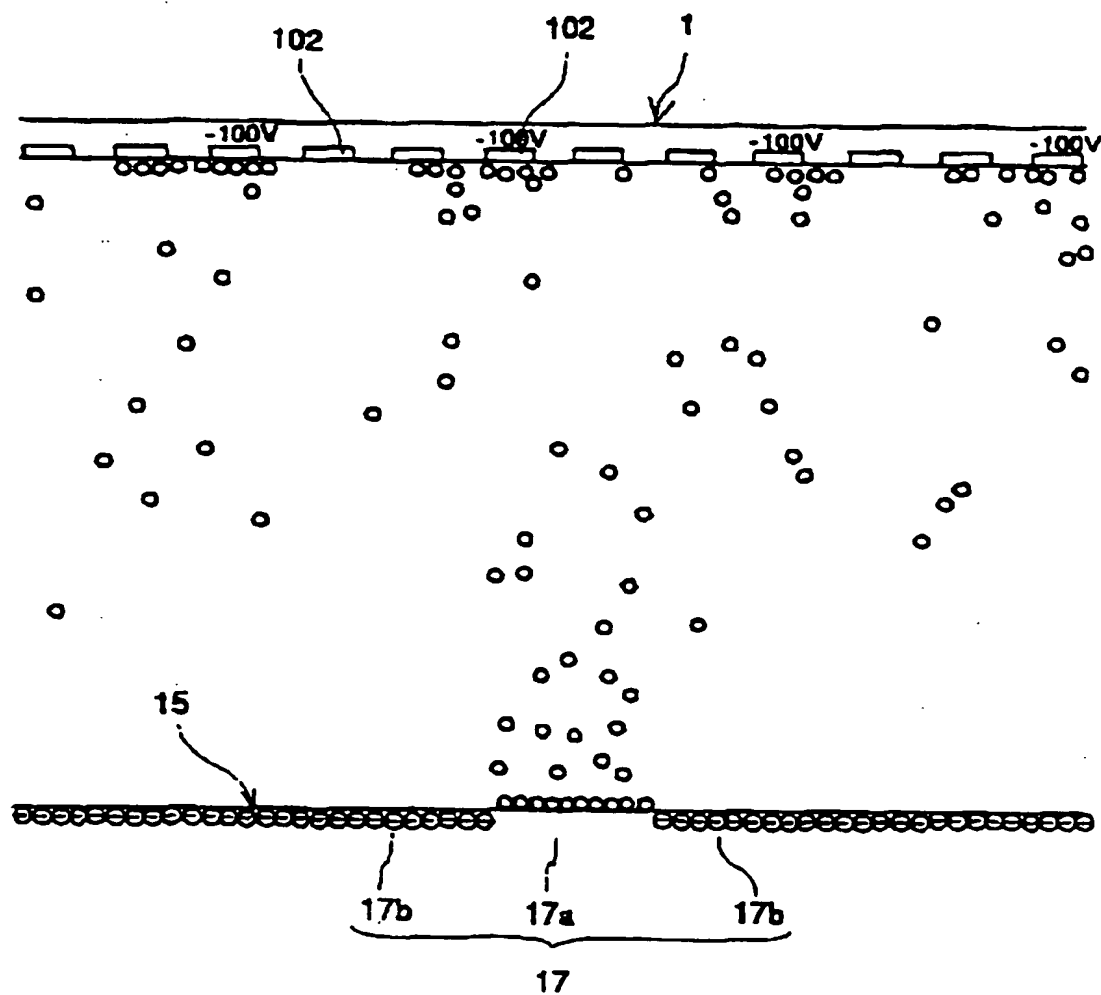


FIG. 26

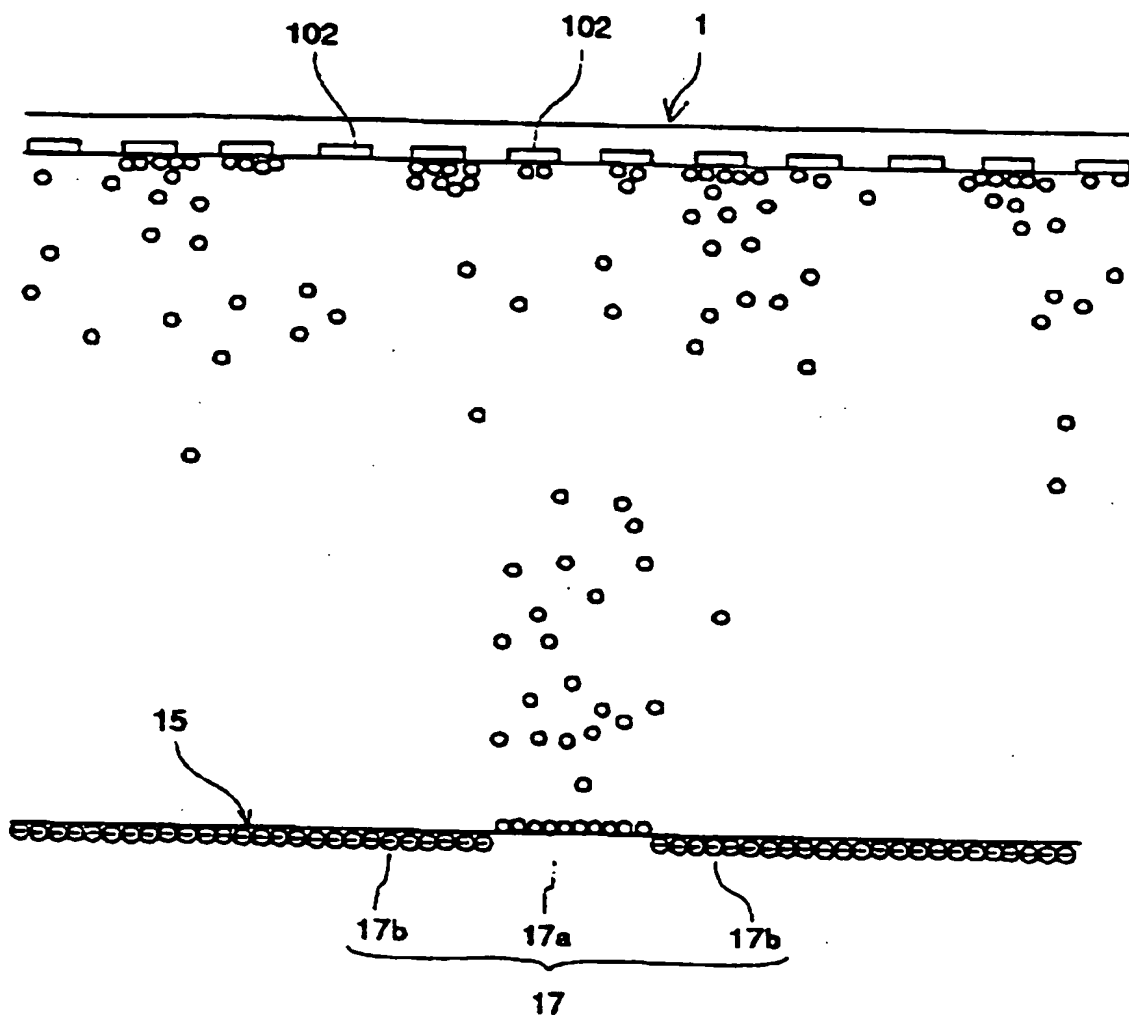


FIG. 27

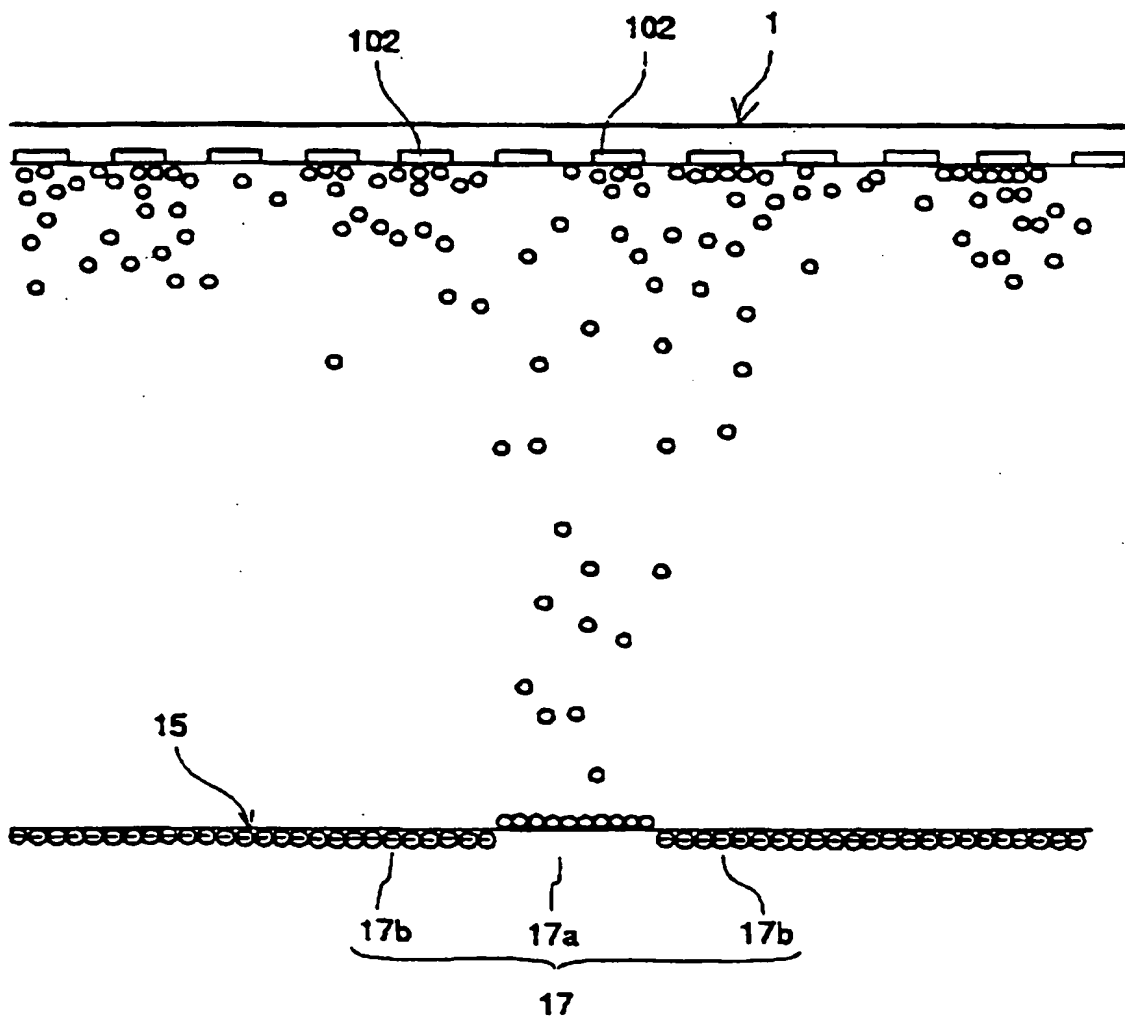


FIG. 28

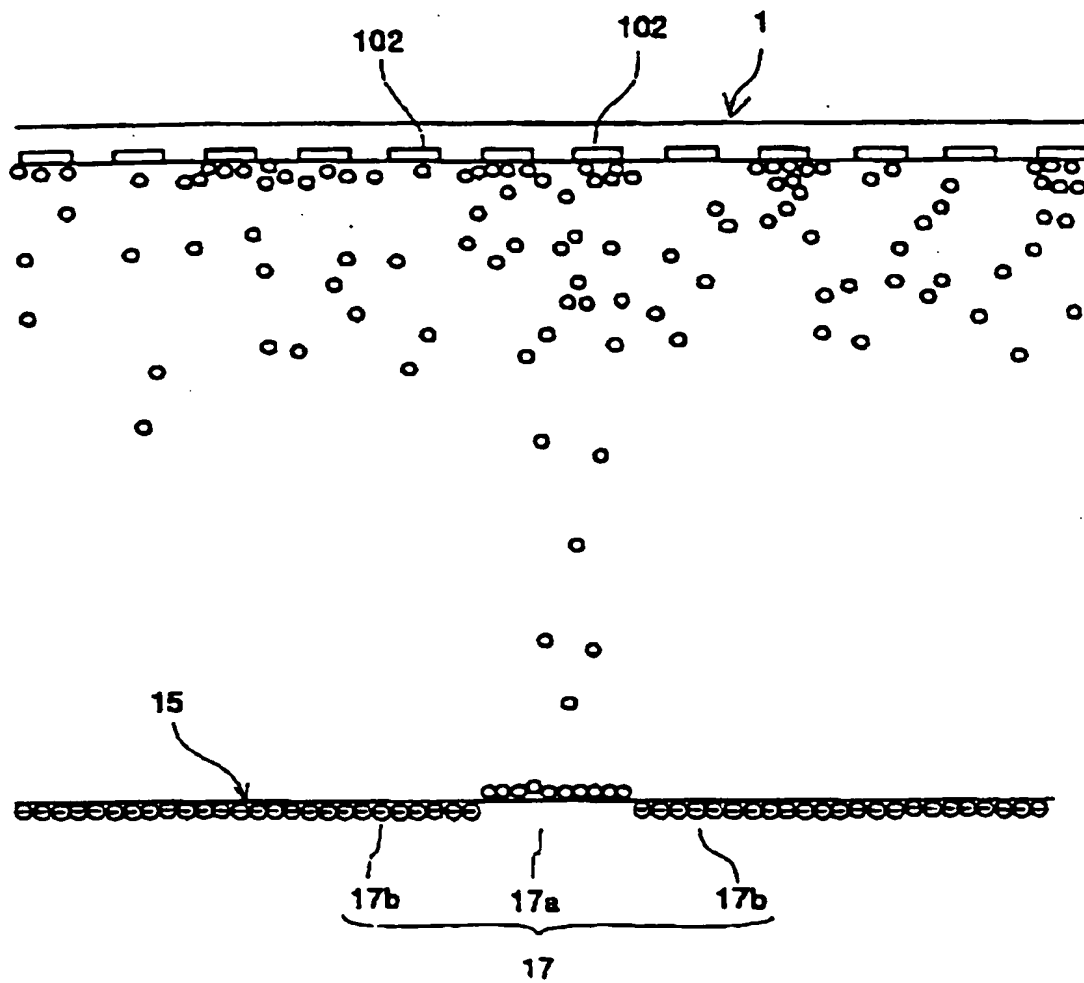


FIG. 29

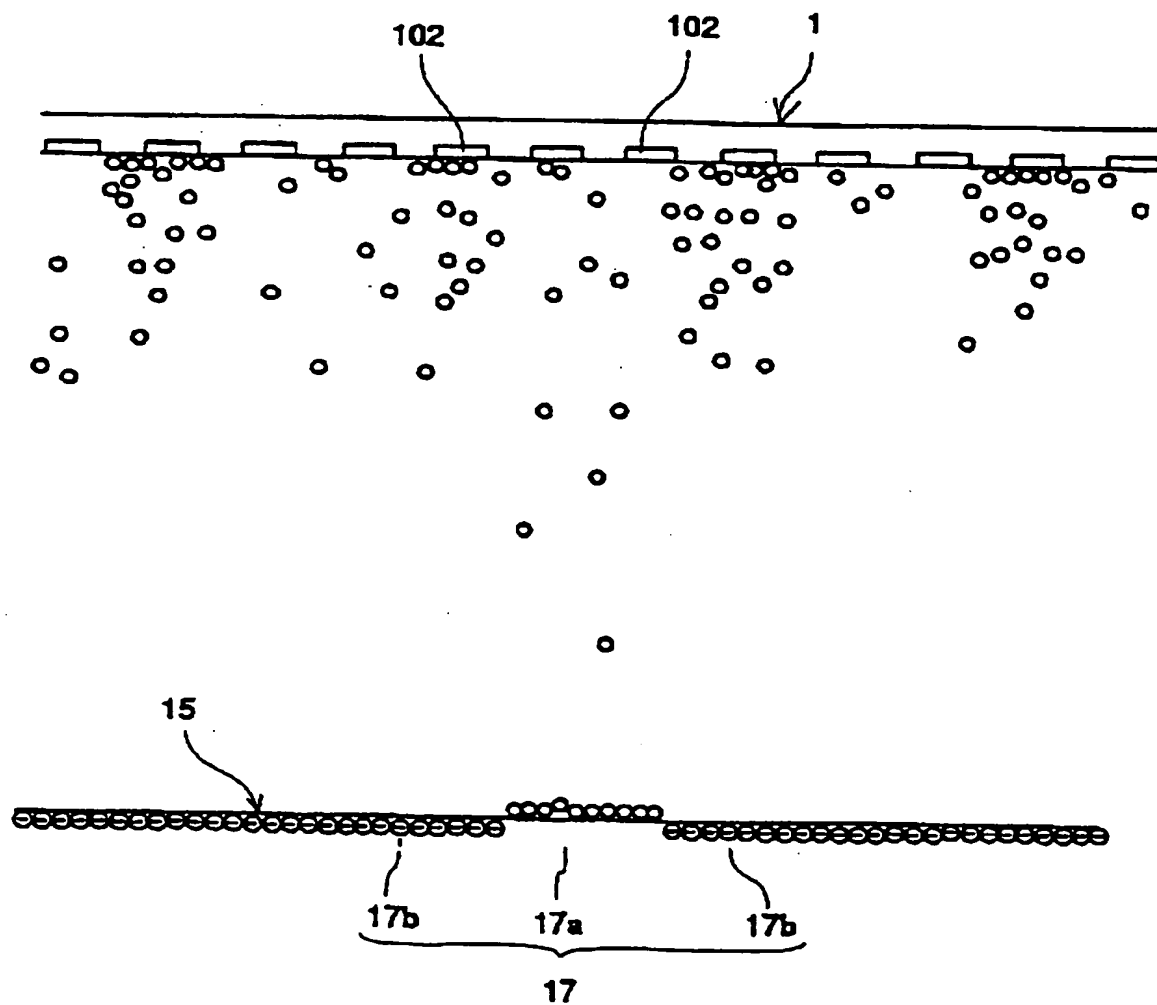


FIG. 30

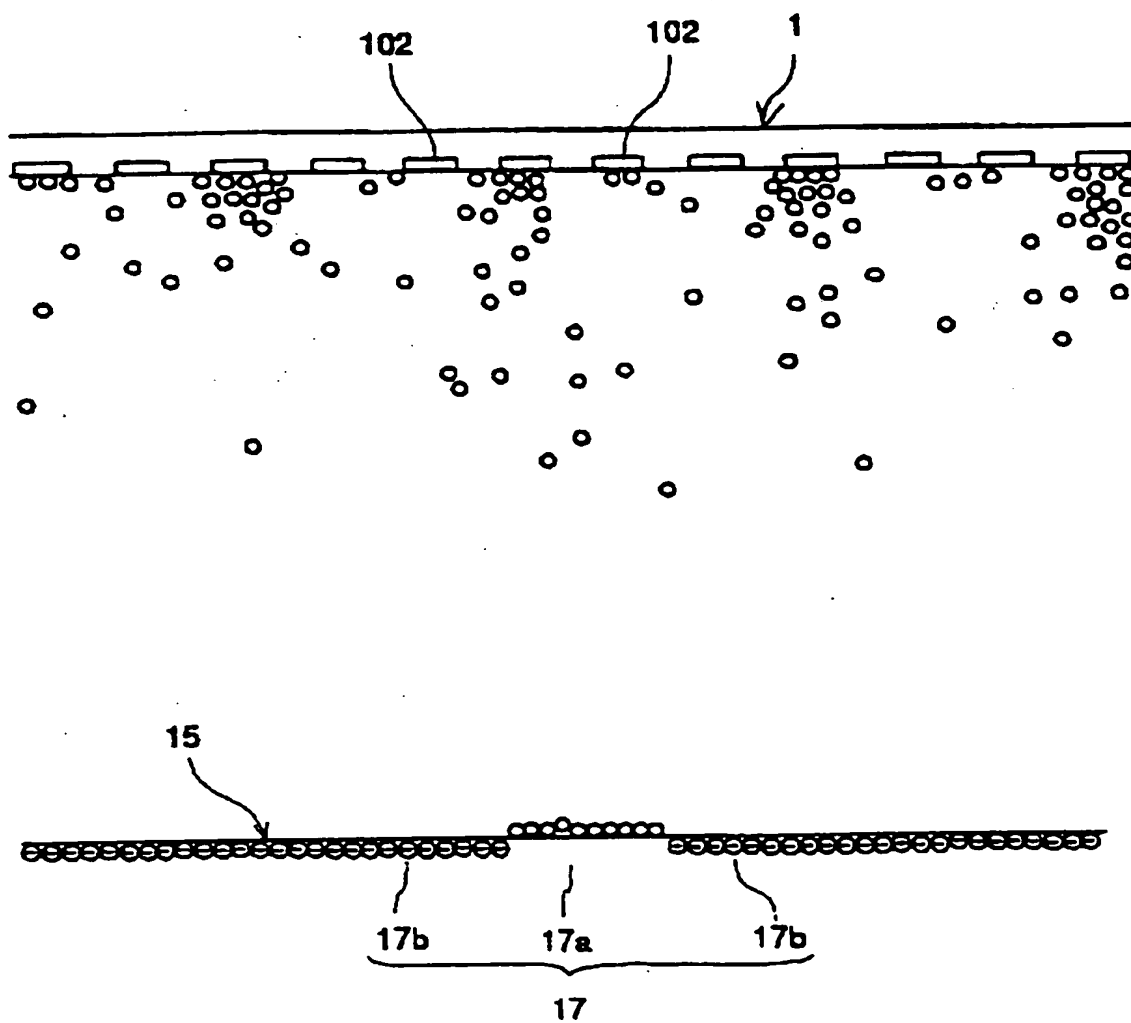


FIG. 31

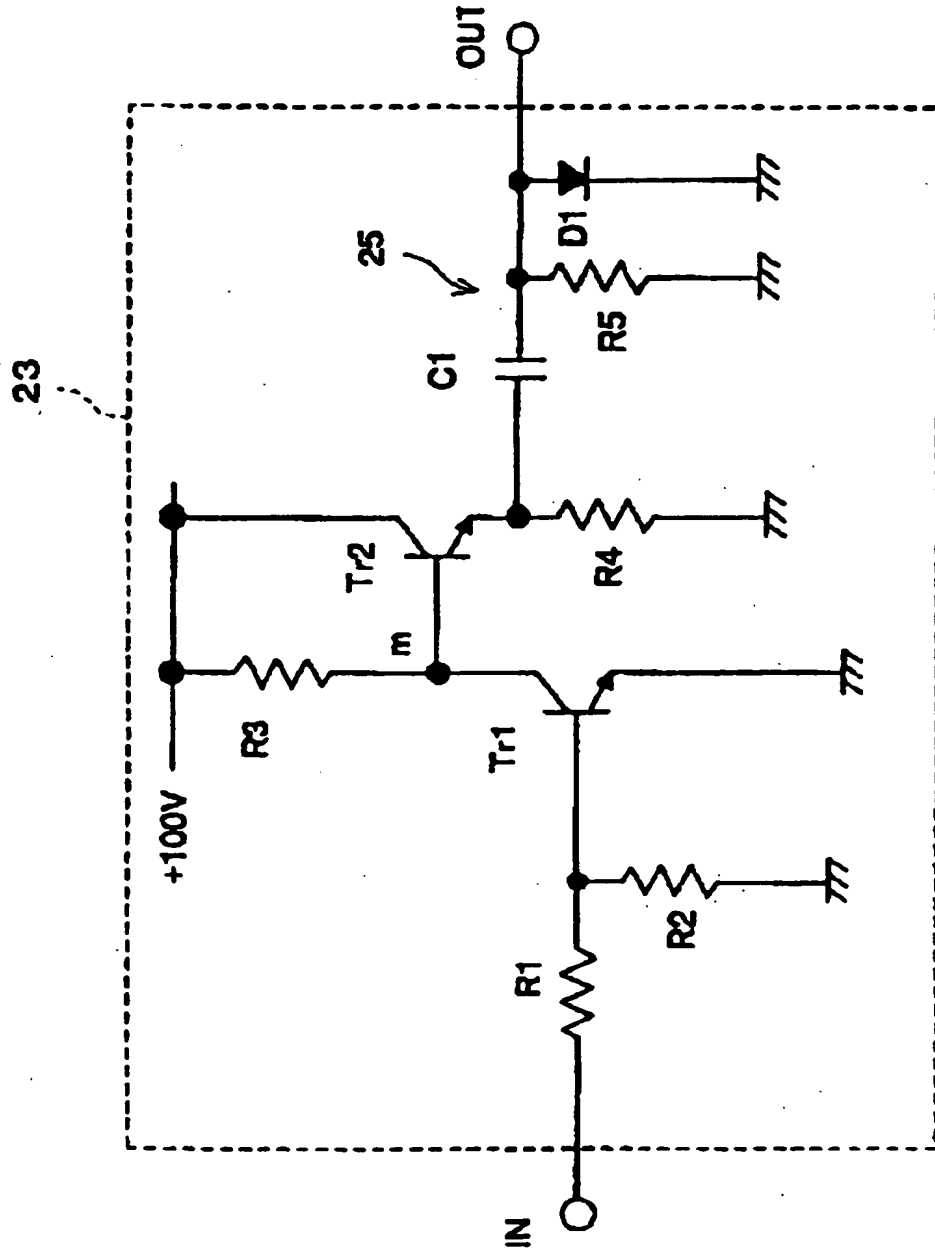


FIG. 32

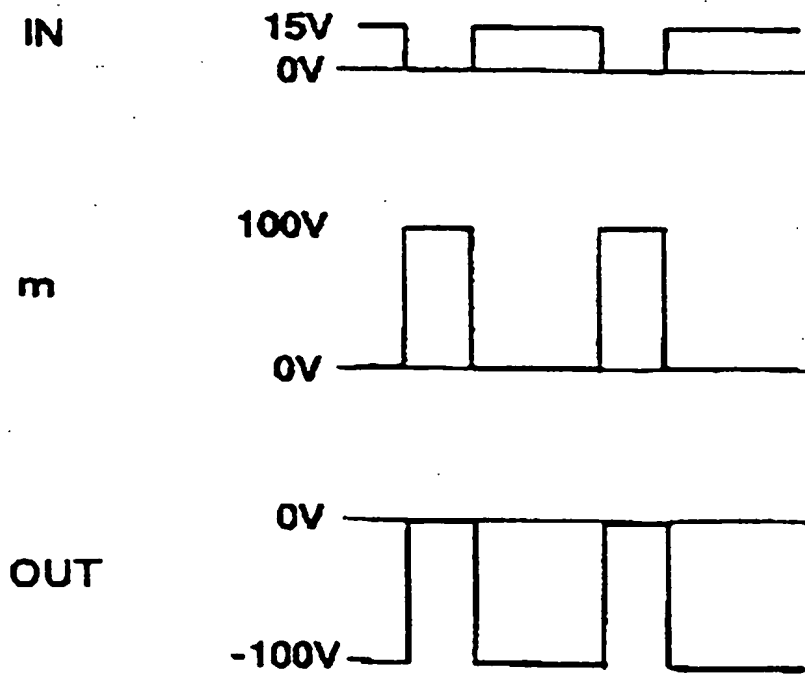


FIG. 33

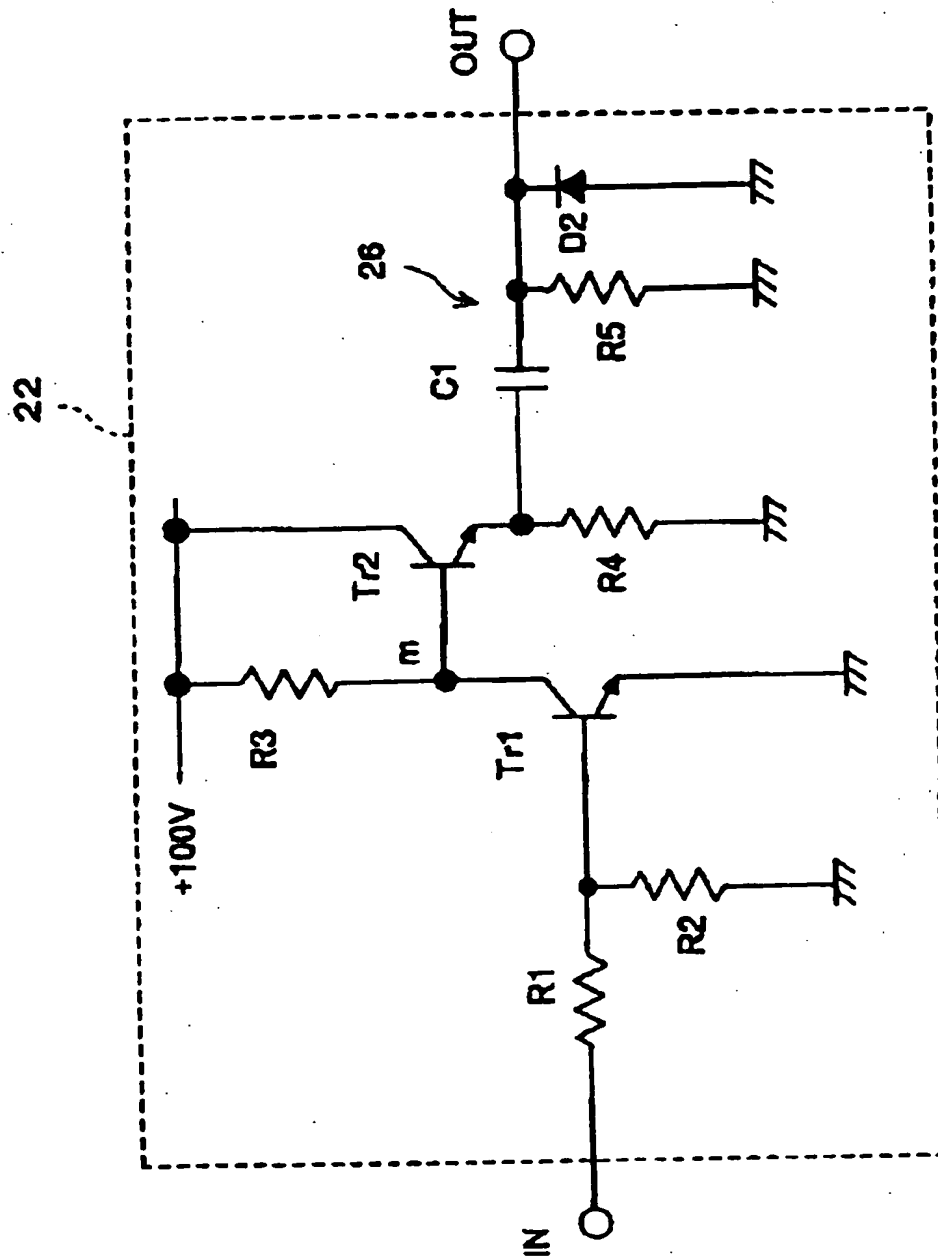


FIG. 34

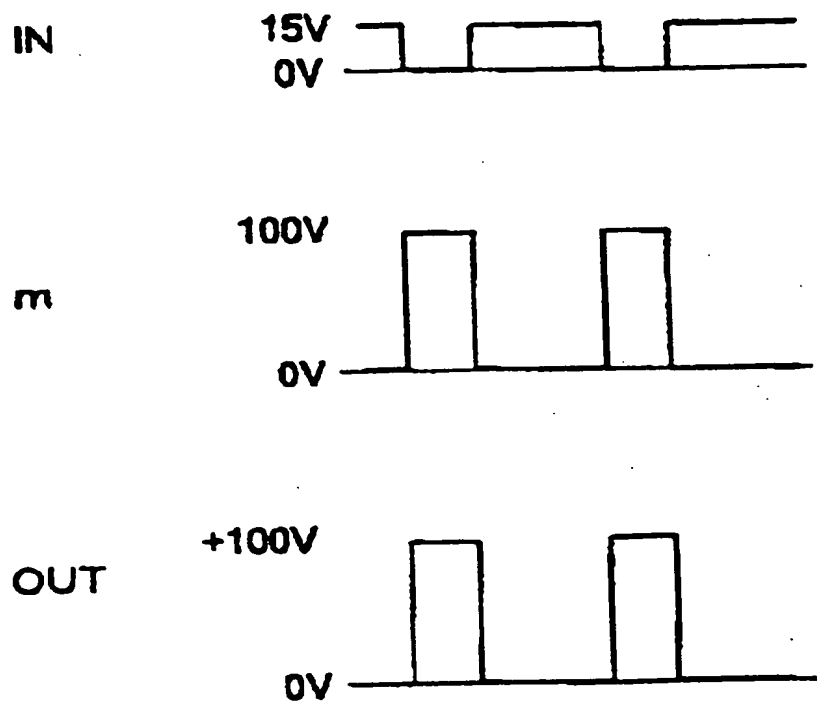


FIG. 35

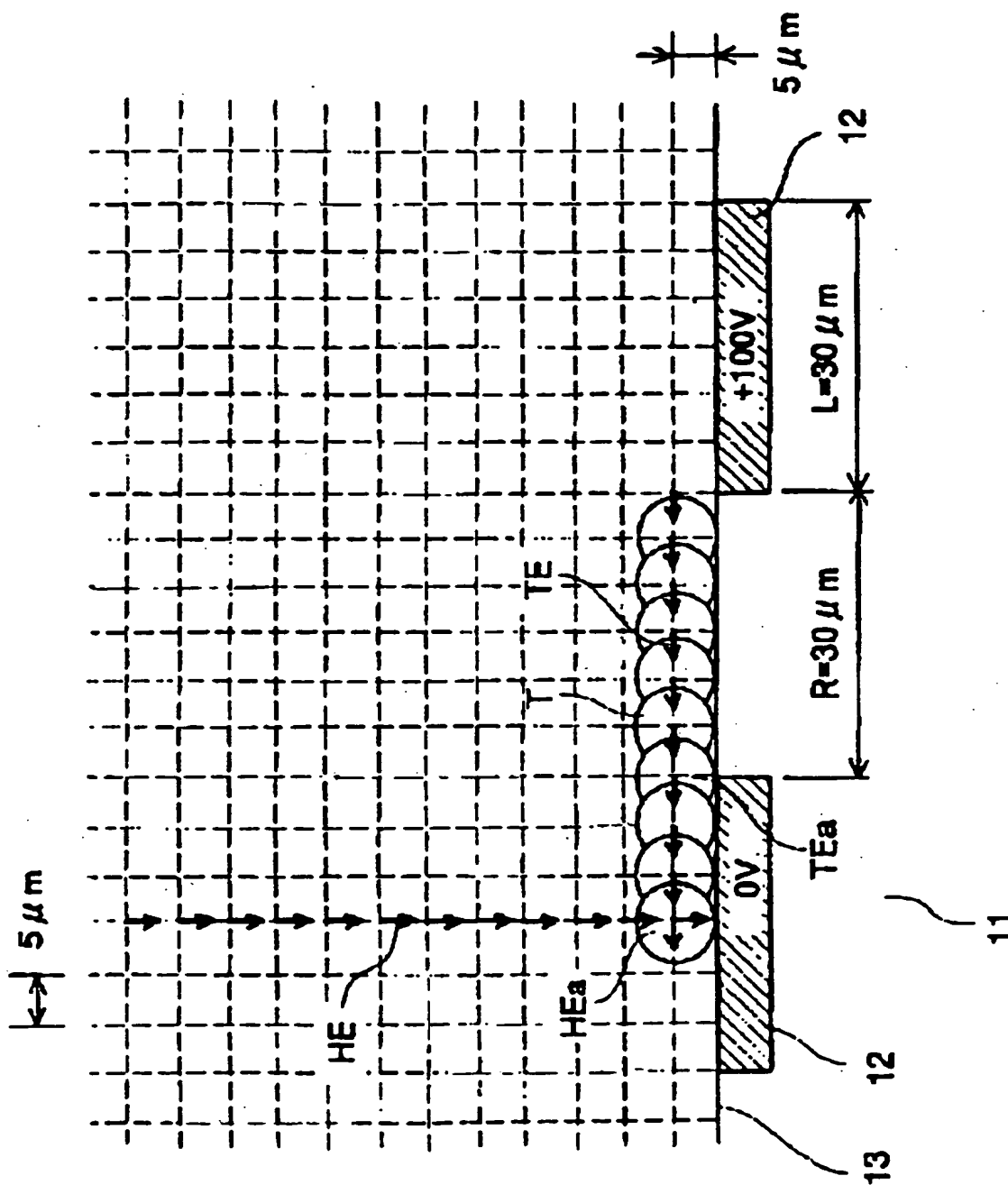


FIG. 36

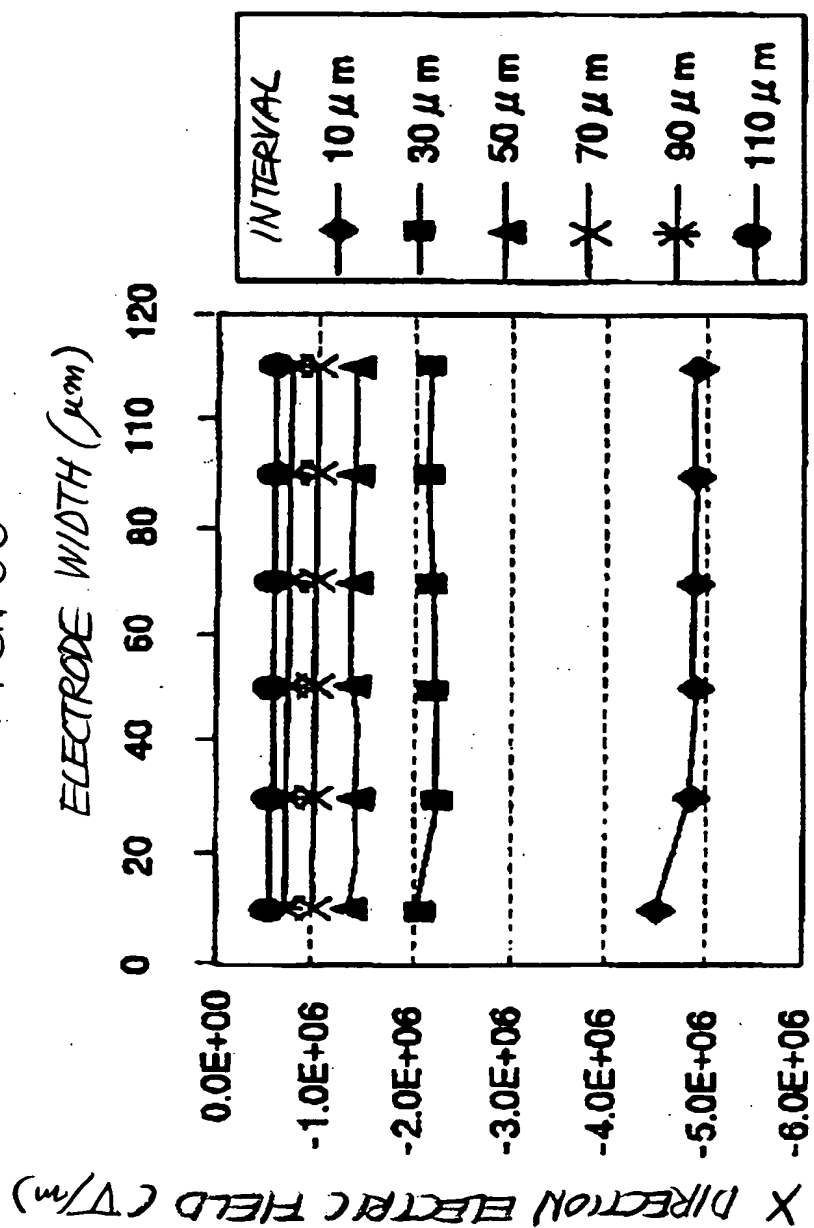


FIG. 37

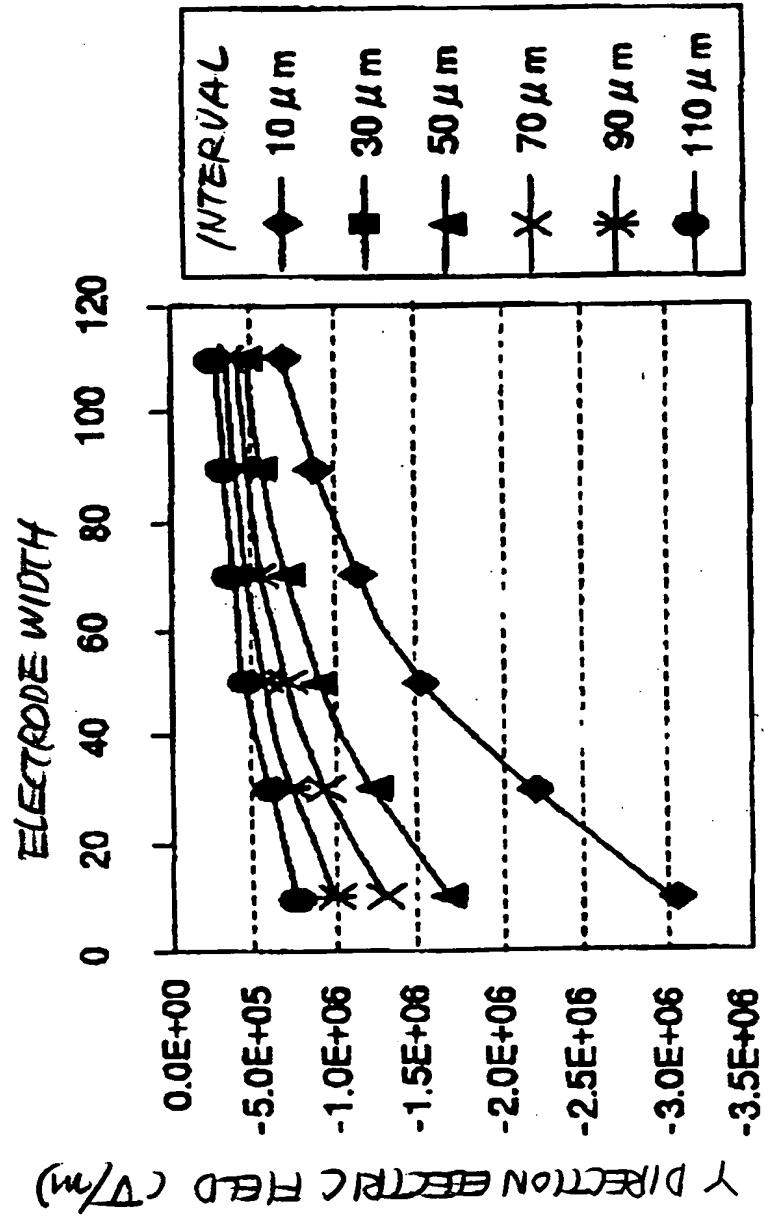


FIG. 38

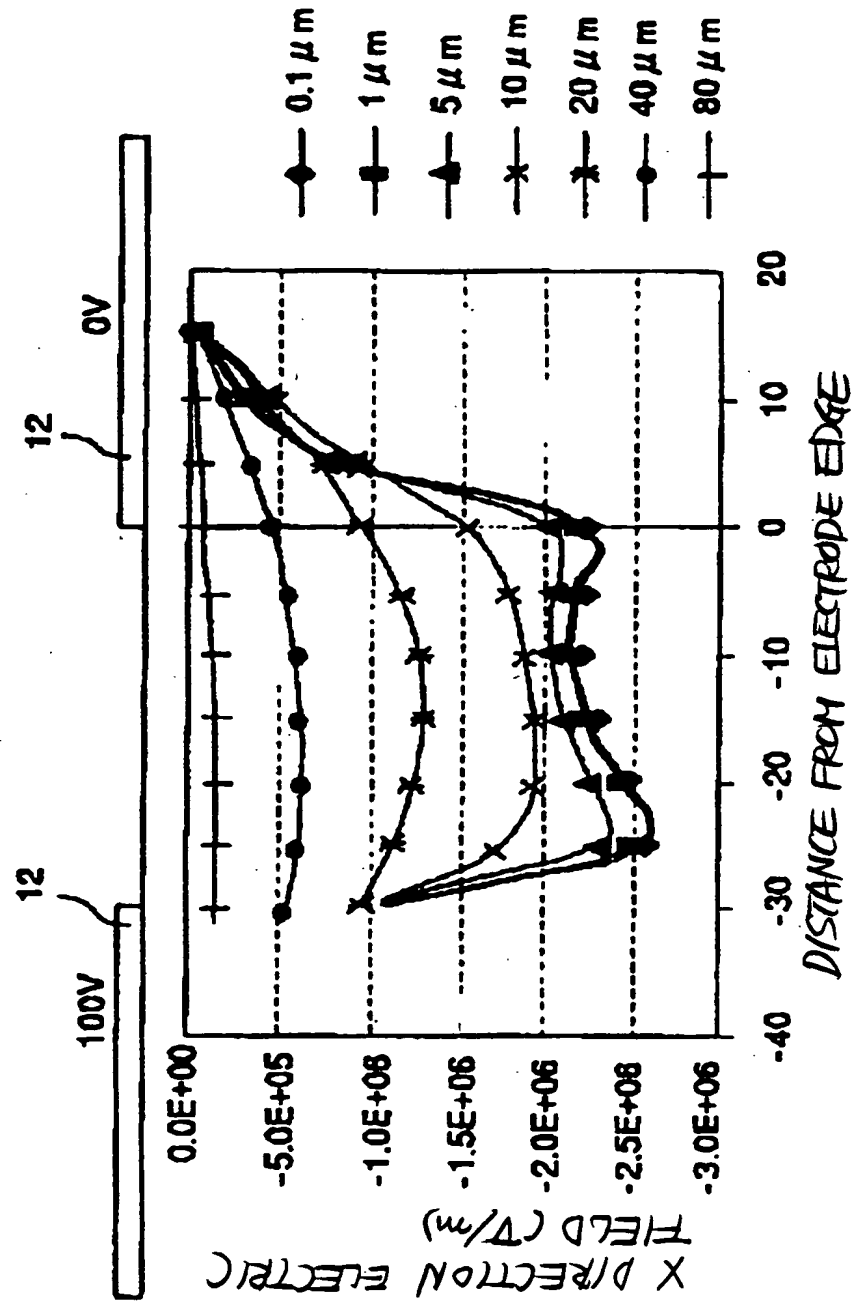


FIG. 39

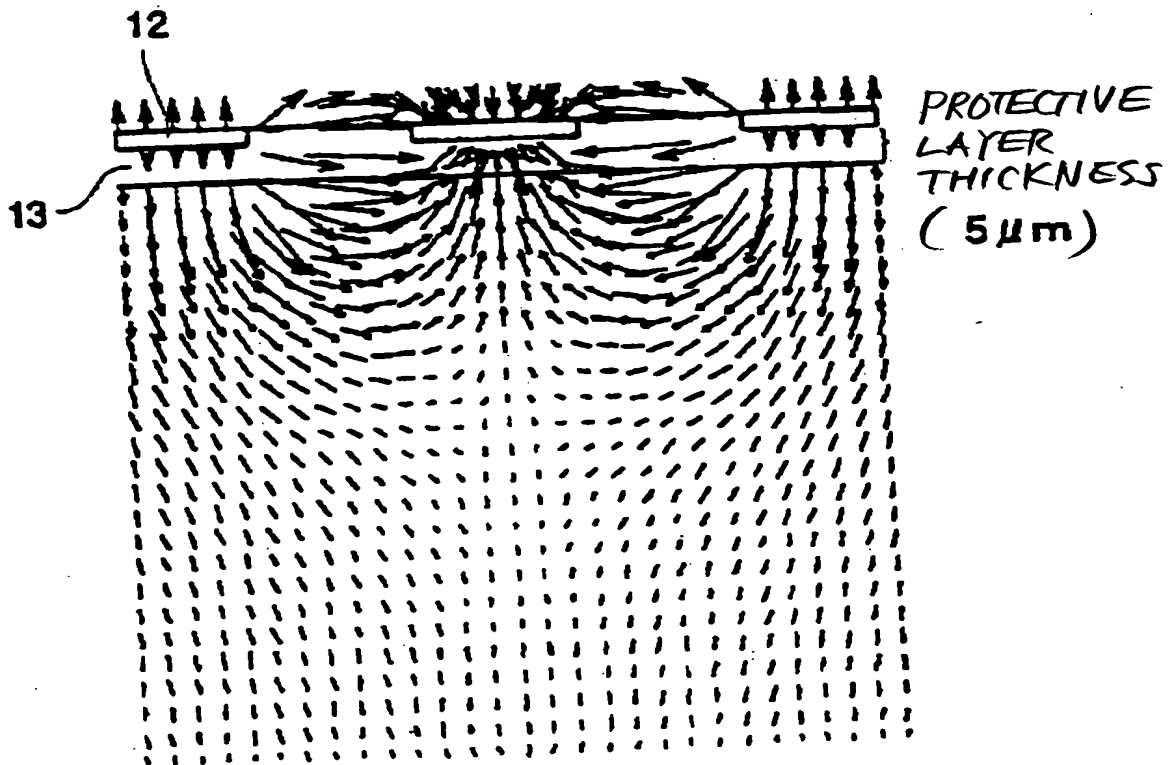


FIG. 40

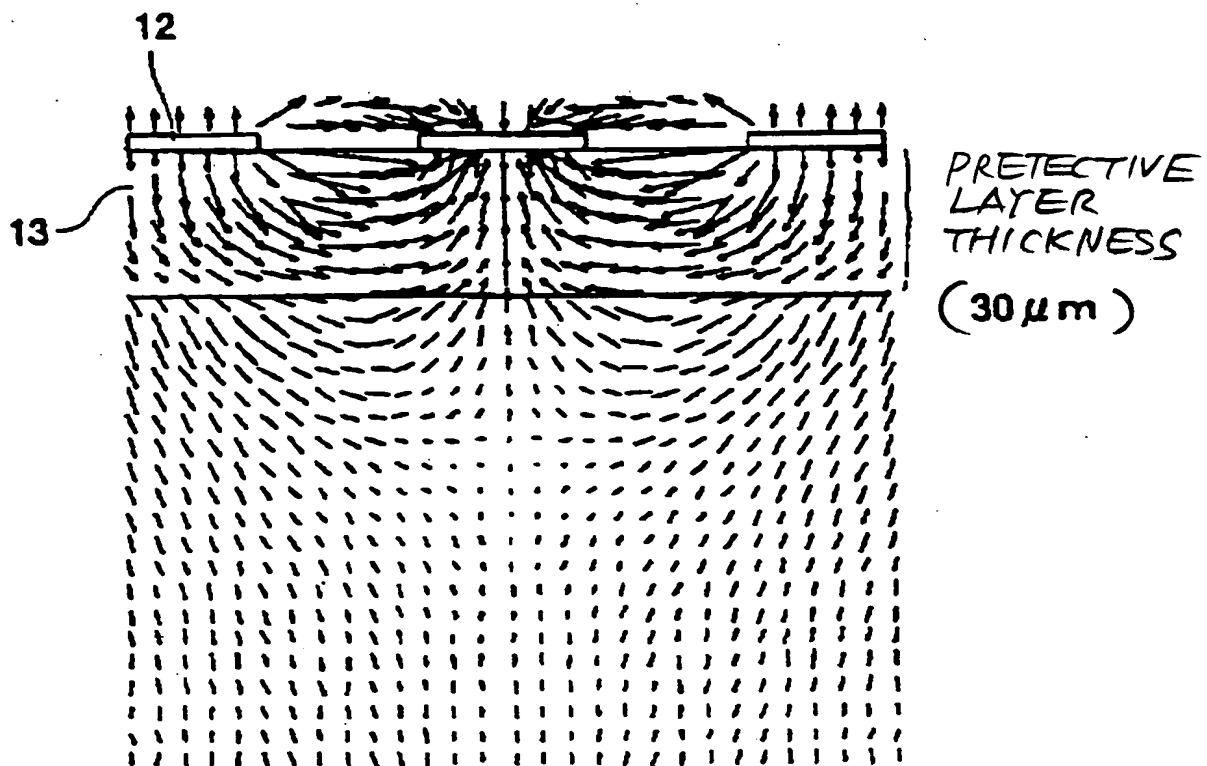


FIG. 41

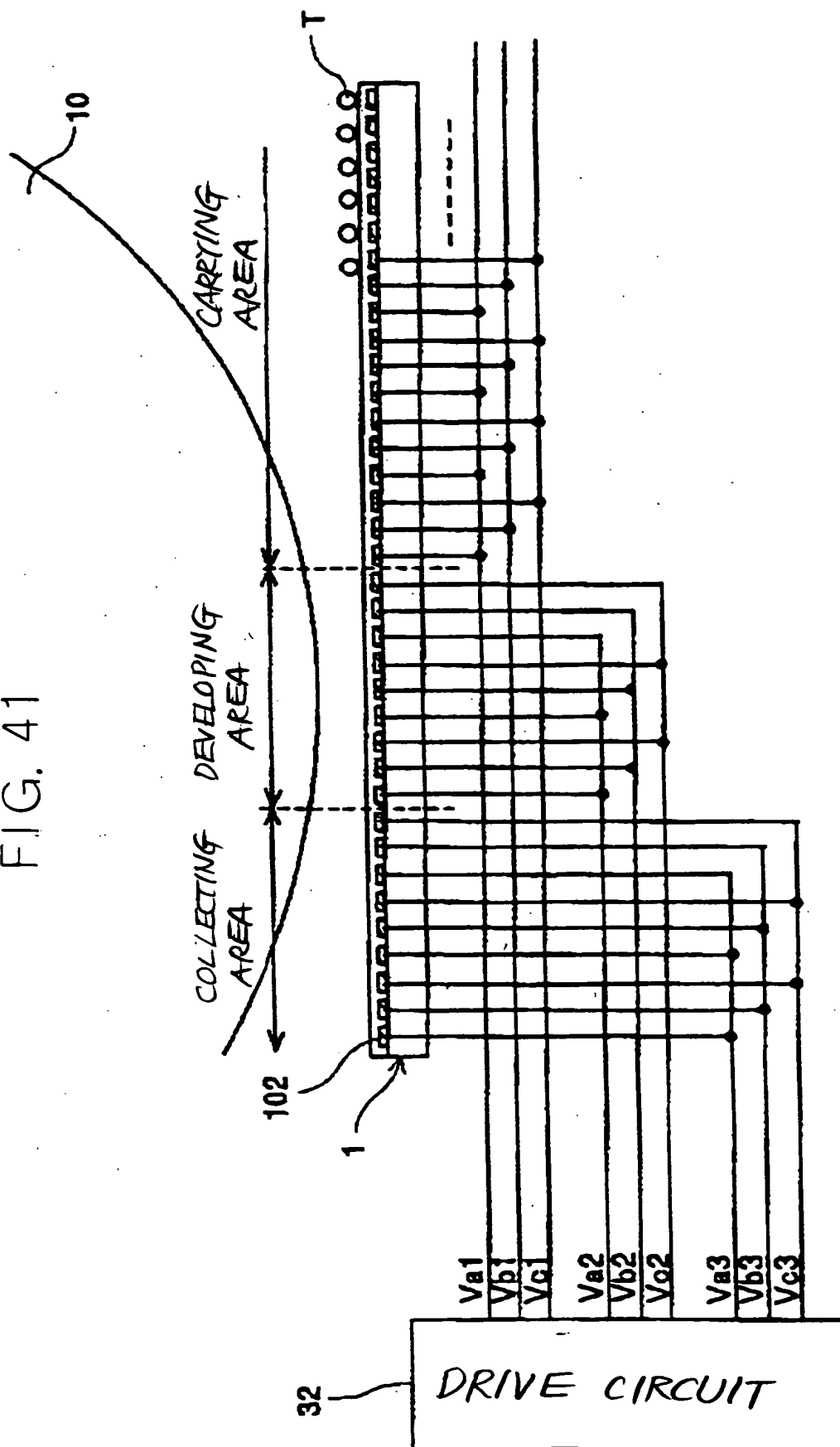


FIG. 42

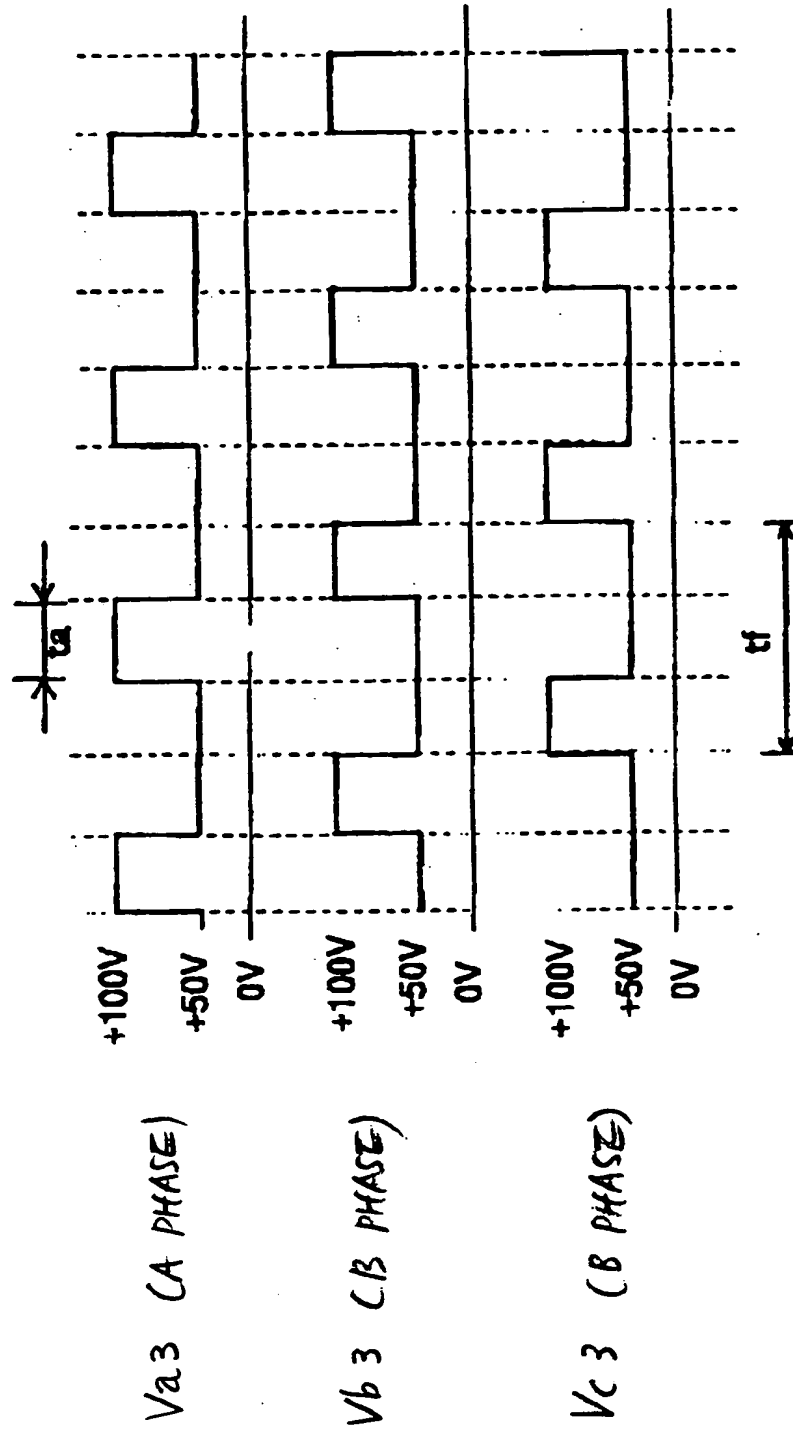


FIG. 43

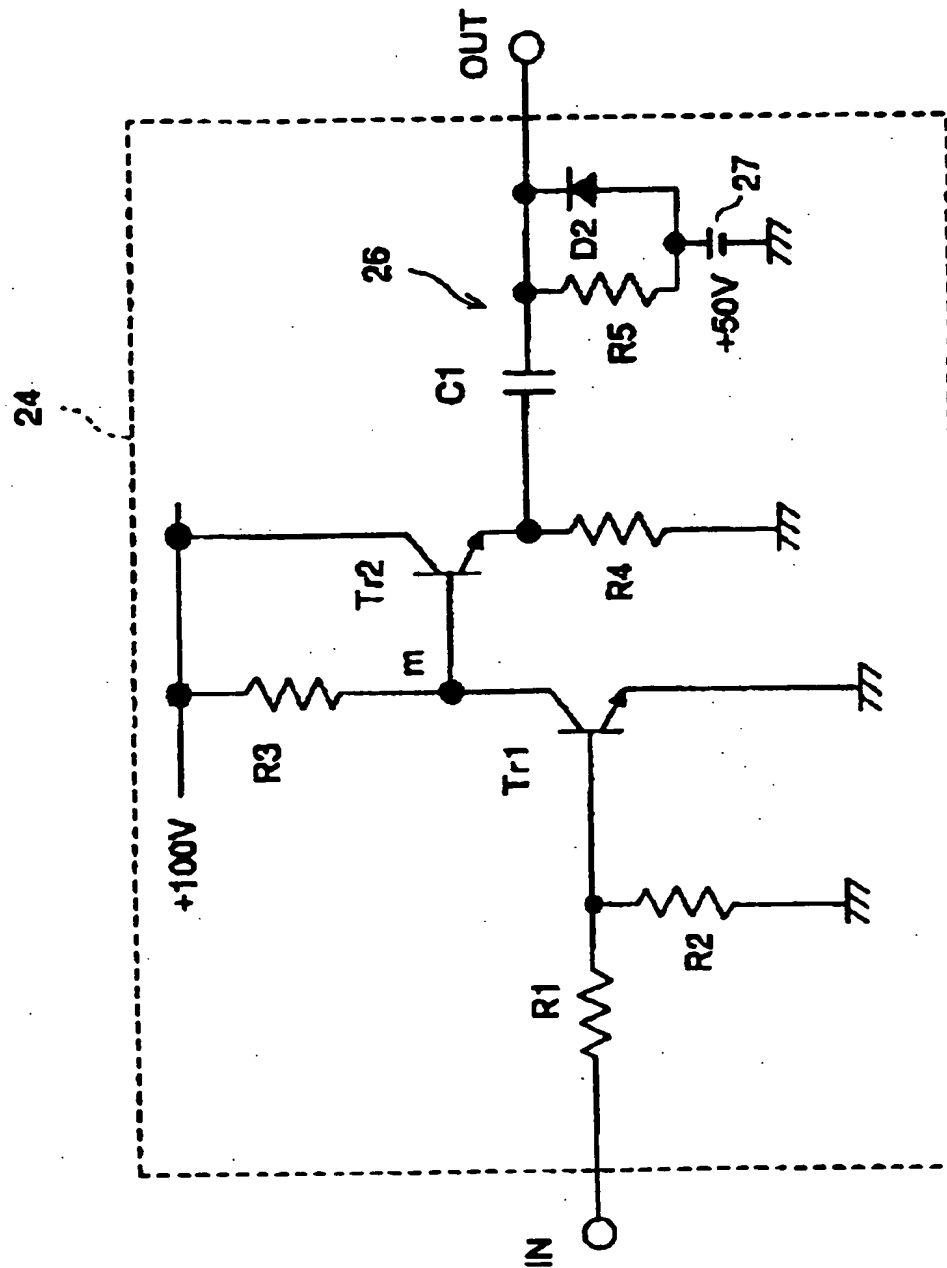


FIG. 44

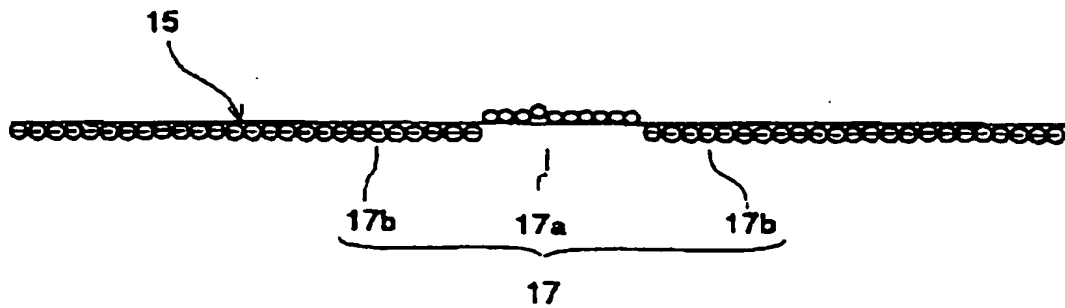
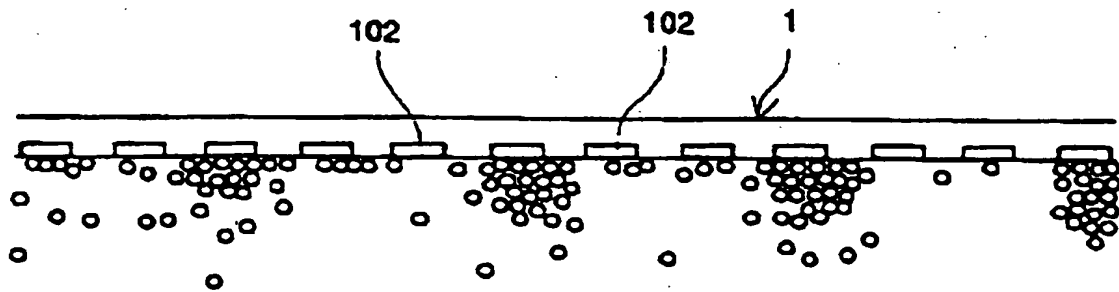


FIG. 45

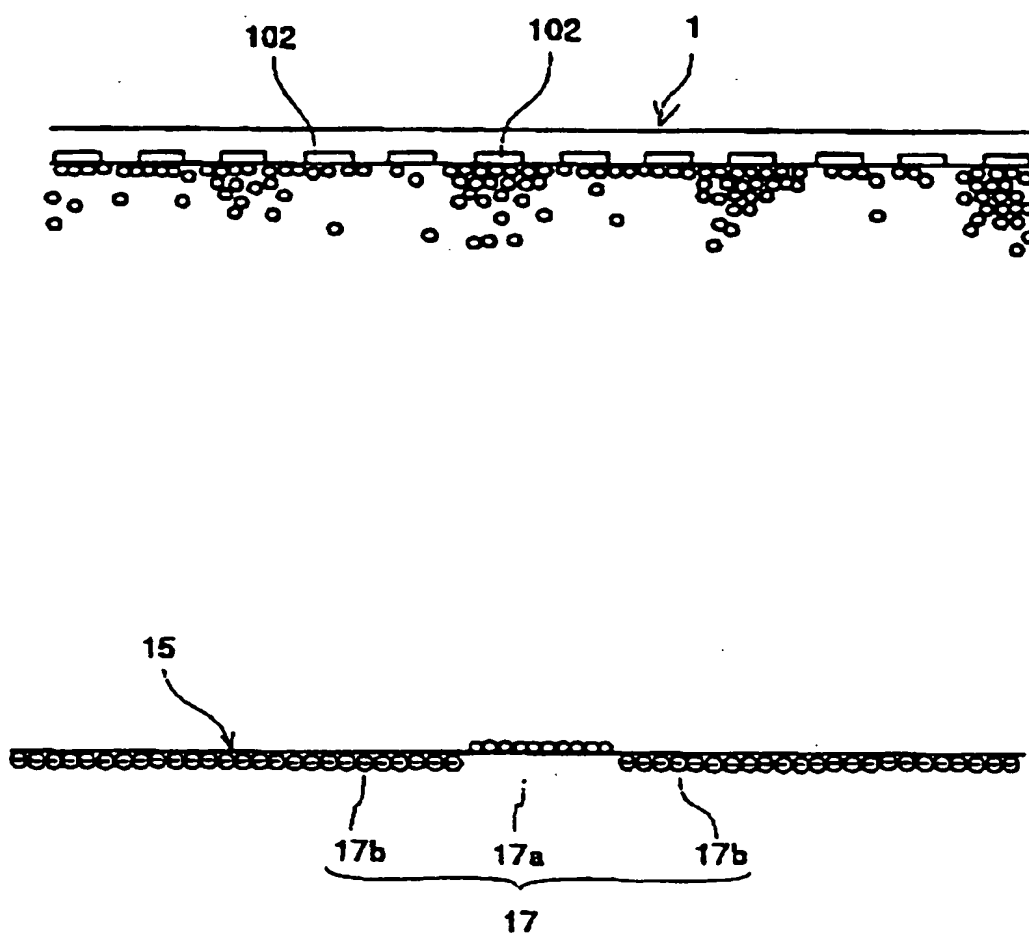


FIG. 46

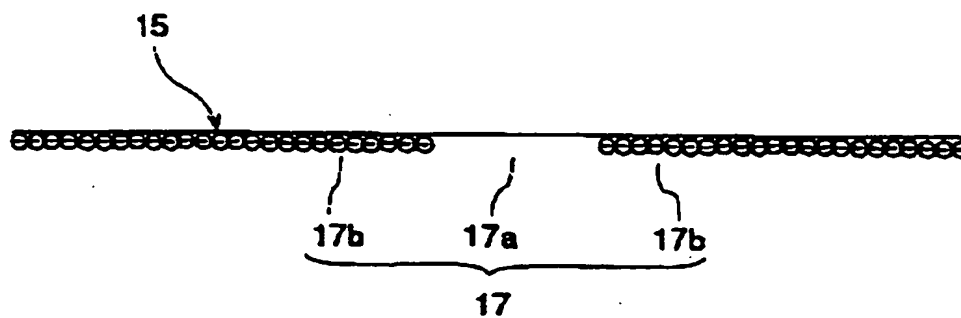
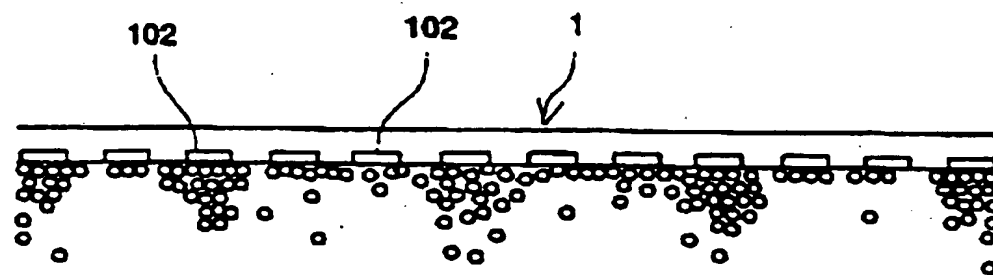


FIG. 47

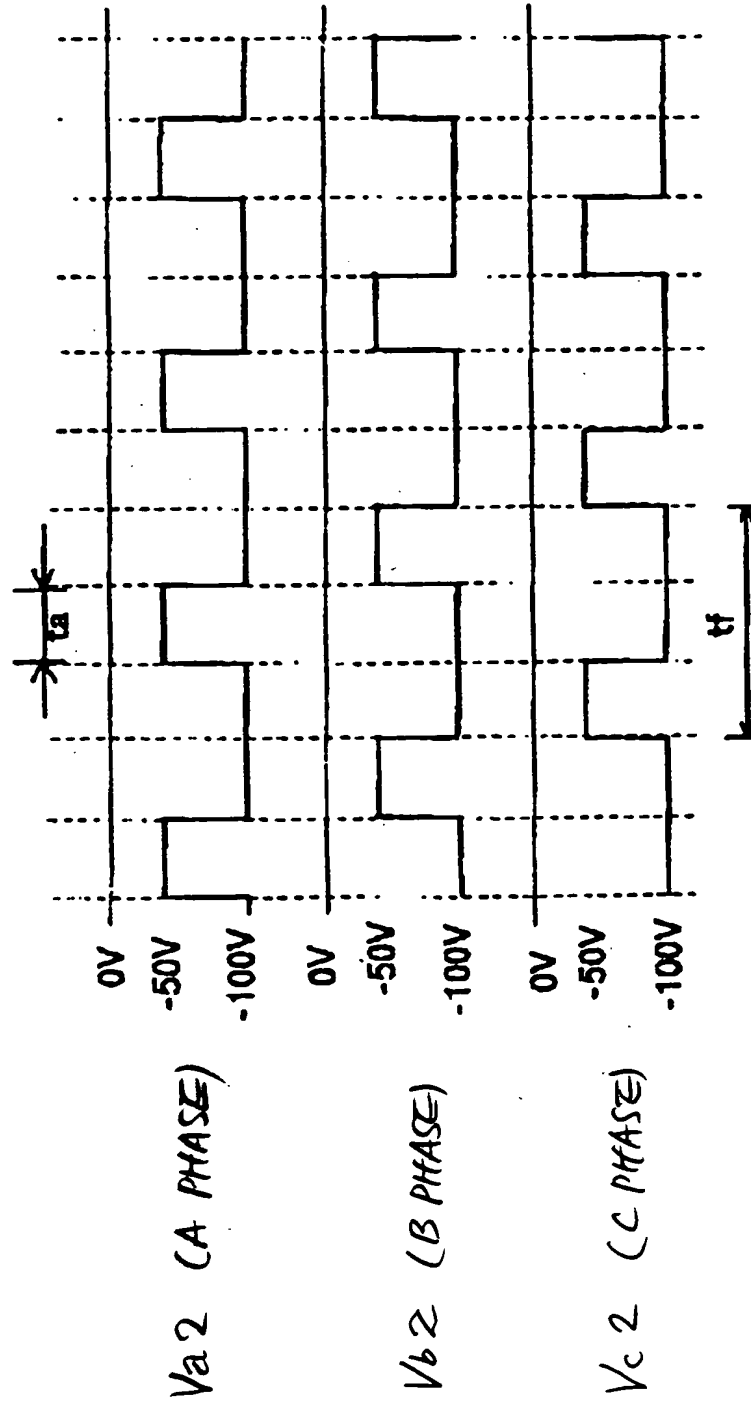


FIG. 48

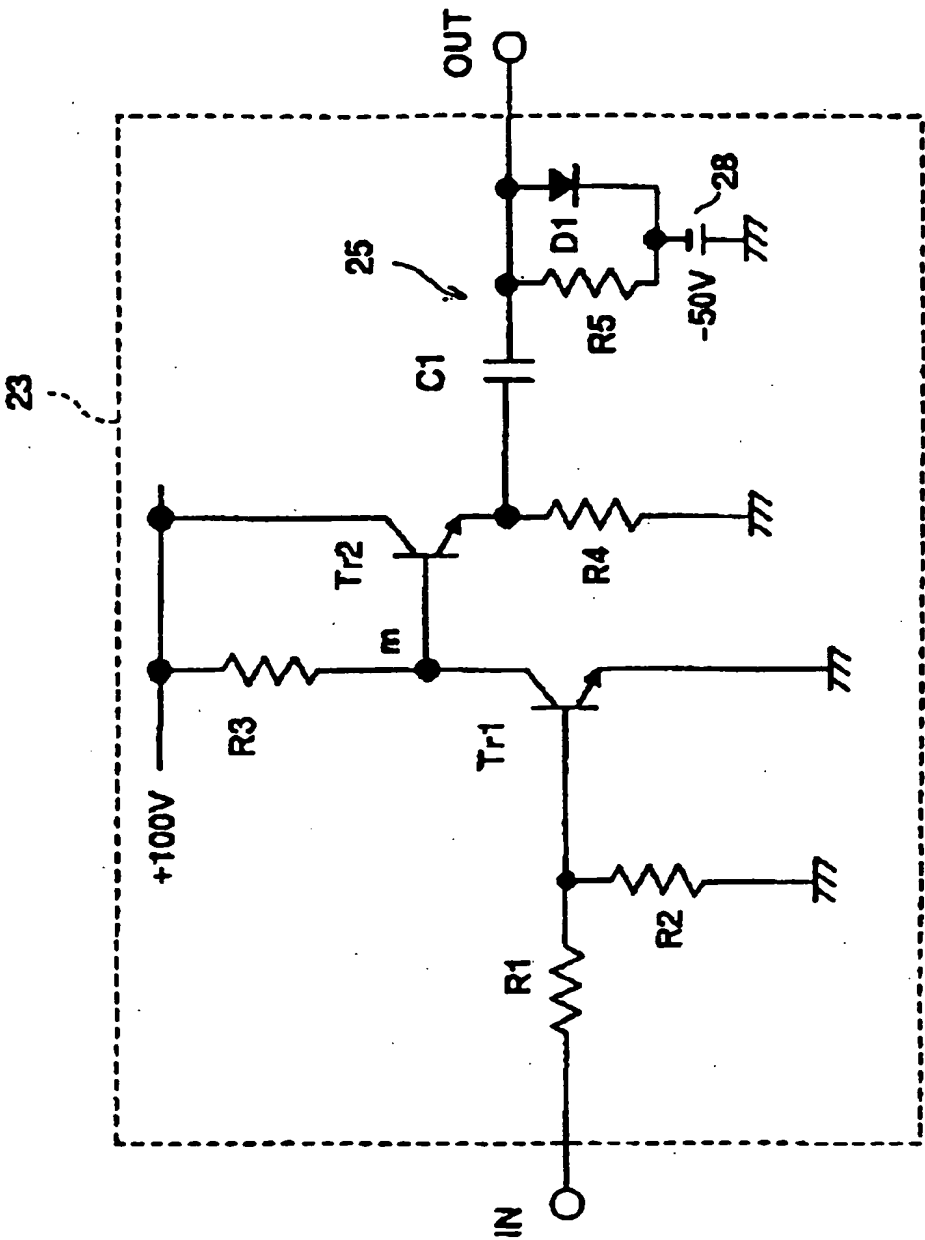


FIG. 49

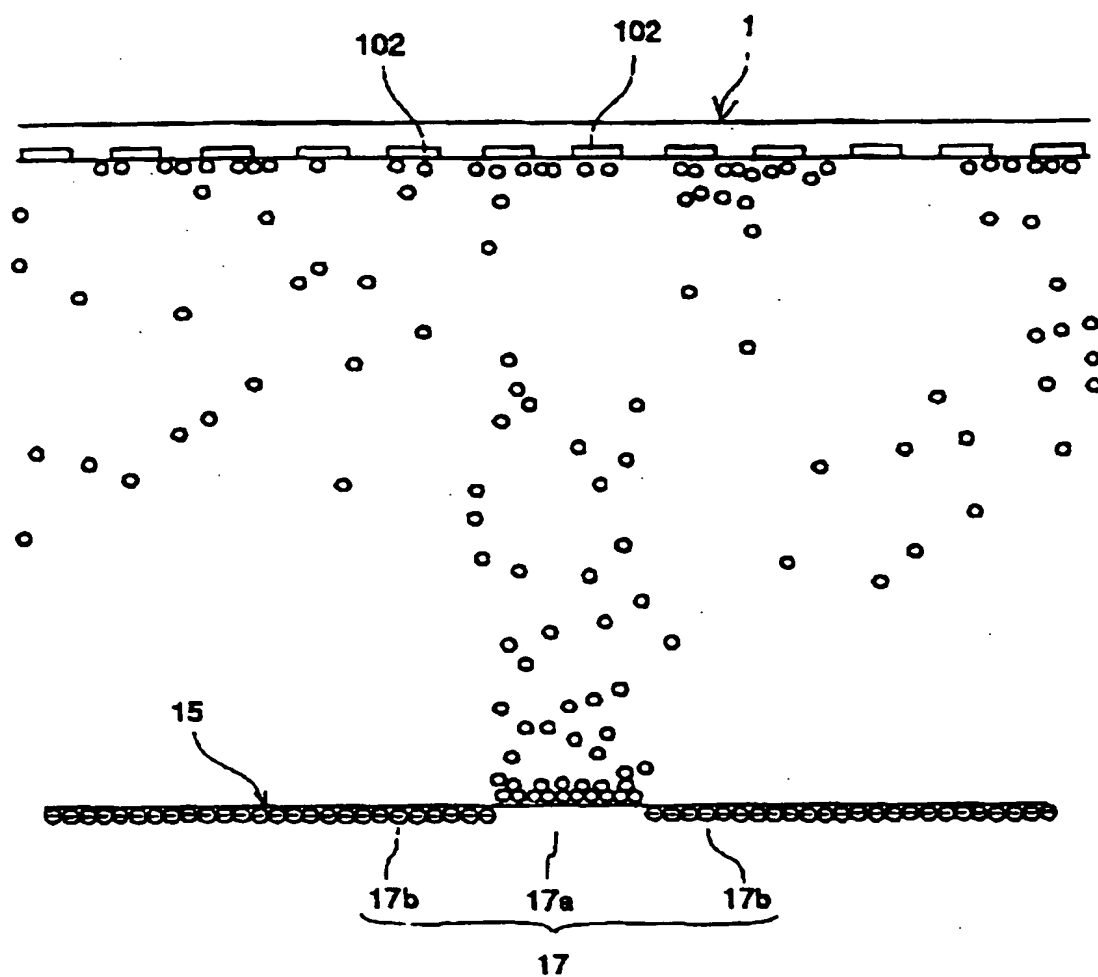


FIG. 50

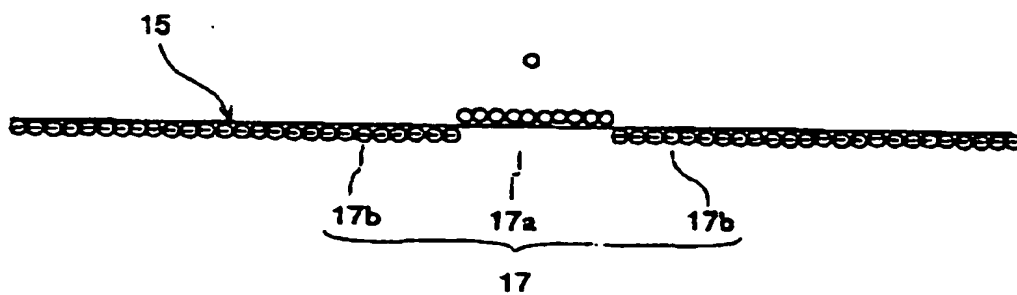
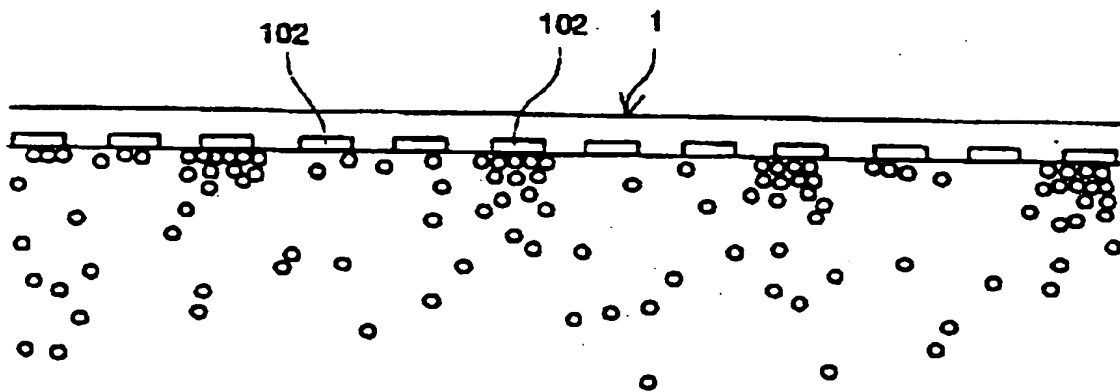


FIG. 51

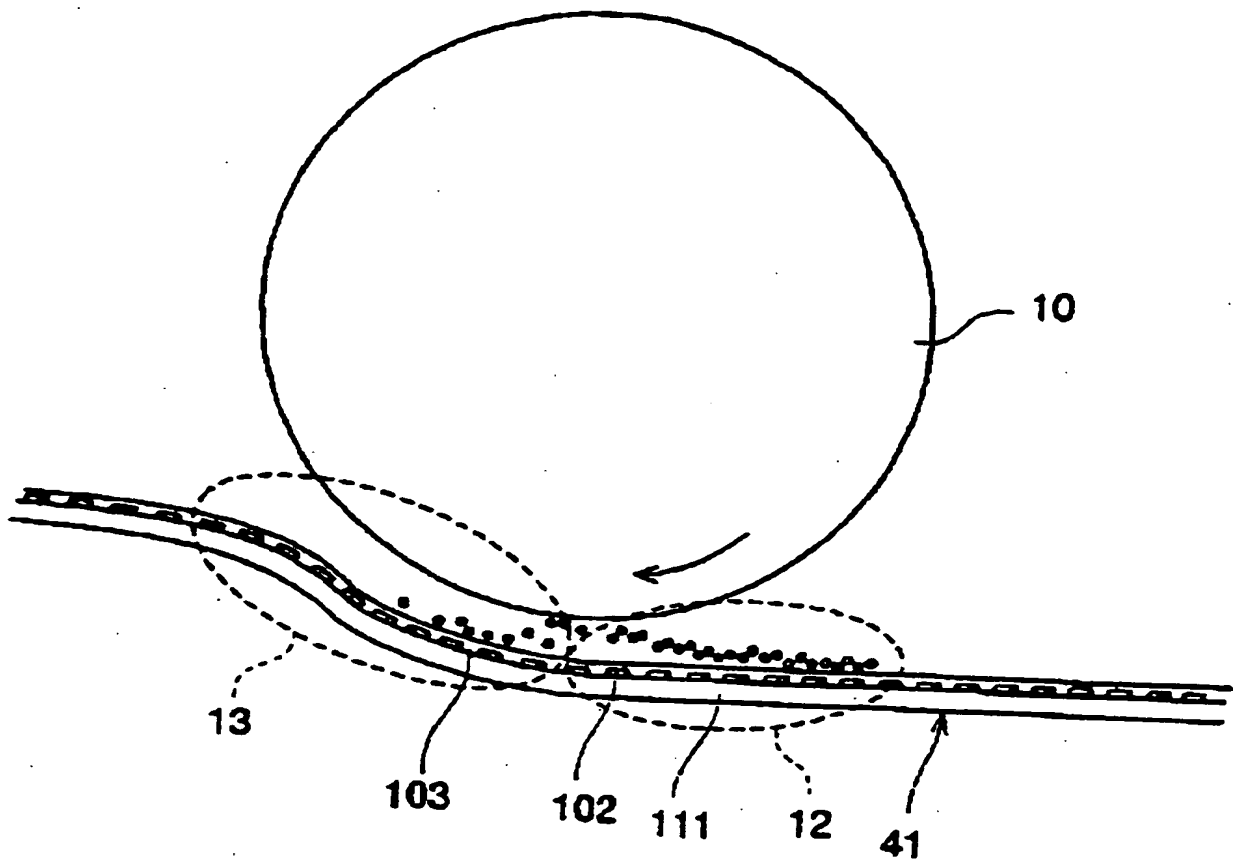




FIG. 53

DIVISION	RANGE	AVERAGE GAP	BIAS VOLTAGE	AVERAGE ELECTRIC FIELD (V/ μ m)	
				IMAGE PORTION	NON-IMAGE PORTION
	mm	mm	Volts		
1	0.0~1.0	0.202	50.8	0.416	1.243
2	~2.0	0.211	54.6	0.417	1.208
3	~3.0	0.228	61.7	0.417	1.149
4	~4.0	0.253	72.1	0.417	1.077
5	~5.0	0.286	85.8	0.416	1

FIG. 54

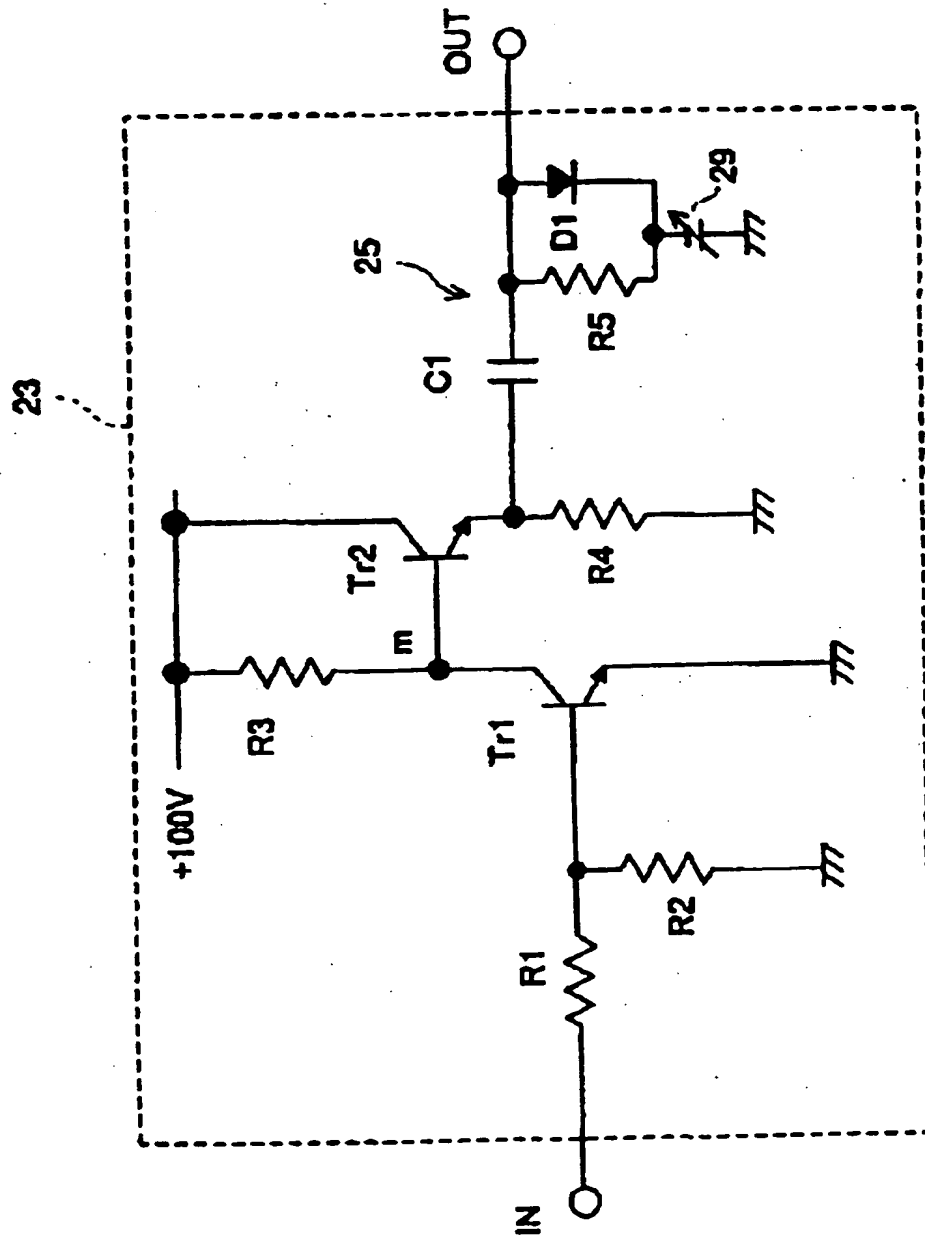


FIG. 55

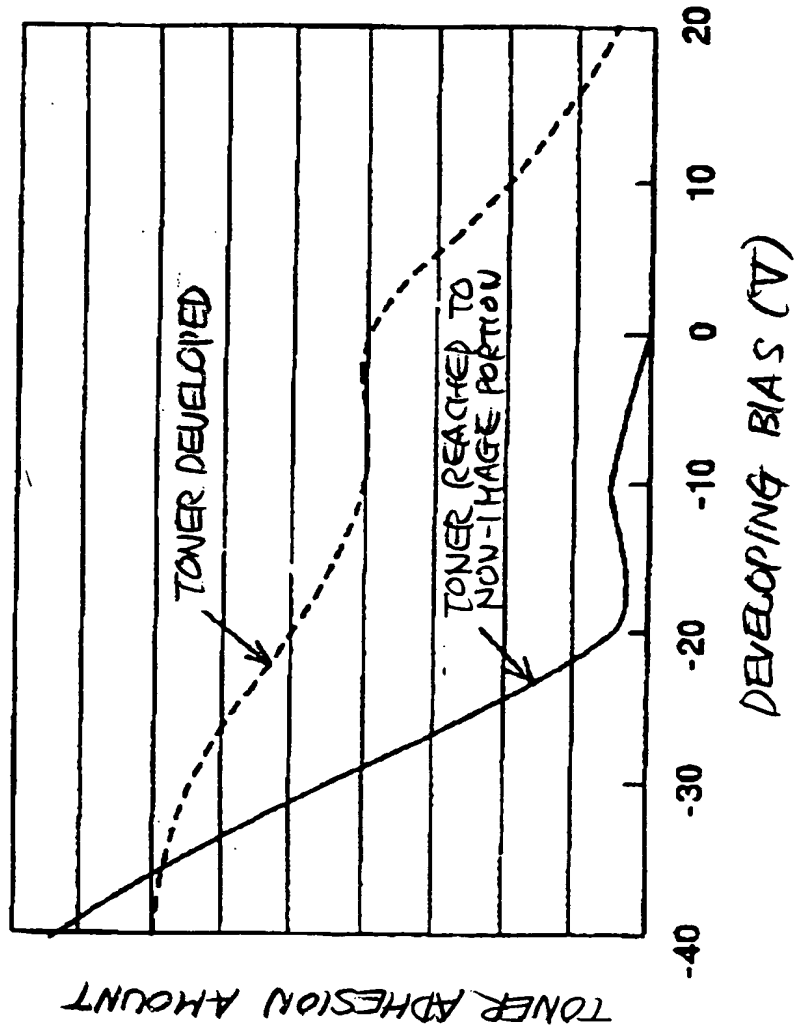


FIG. 56

DEVELOPING BIAS POTENTIAL (V)	CARRYING ELECTRODE POTENTIAL			PHOTOSENSITIVE MEMBER SURFACE POTENTIAL			NUMBER OF TONER PARTICLES HAVING REACHED NON-IMAGE PORTION	NUMBER OF TONER PARTICLES USED FOR DEVELOPMENT
	HIGH POTENTIAL (V)	LOW POTENTIAL (V)	AVERAGE POTENTIAL (V)	NON-IMAGE PORTION POTENTIAL (V)	LINE IMAGE POTENTIAL (V)	SOLID IMAGE POTENTIAL (V)		
20	20	-80	-13.3	-110.4	-28.8	-0.3	0	1
10	10	-90	-23.3	-110.7	-29.0	-0.6	0	4
0	0	-100	-33.3	-110.9	-29.3	-0.8	0	8
-10	-10	-110	-43.3	-111.1	-29.5	-1.0	1	8
-20	-20	-120	-53.3	-111.4	-29.7	-1.3	1	10
-30	-30	-130	-63.3	-111.6	-30.0	-1.5	9	13
-40	-40	-140	-73.3	-111.8	-30.2	-1.7	17	14

FIG. 57

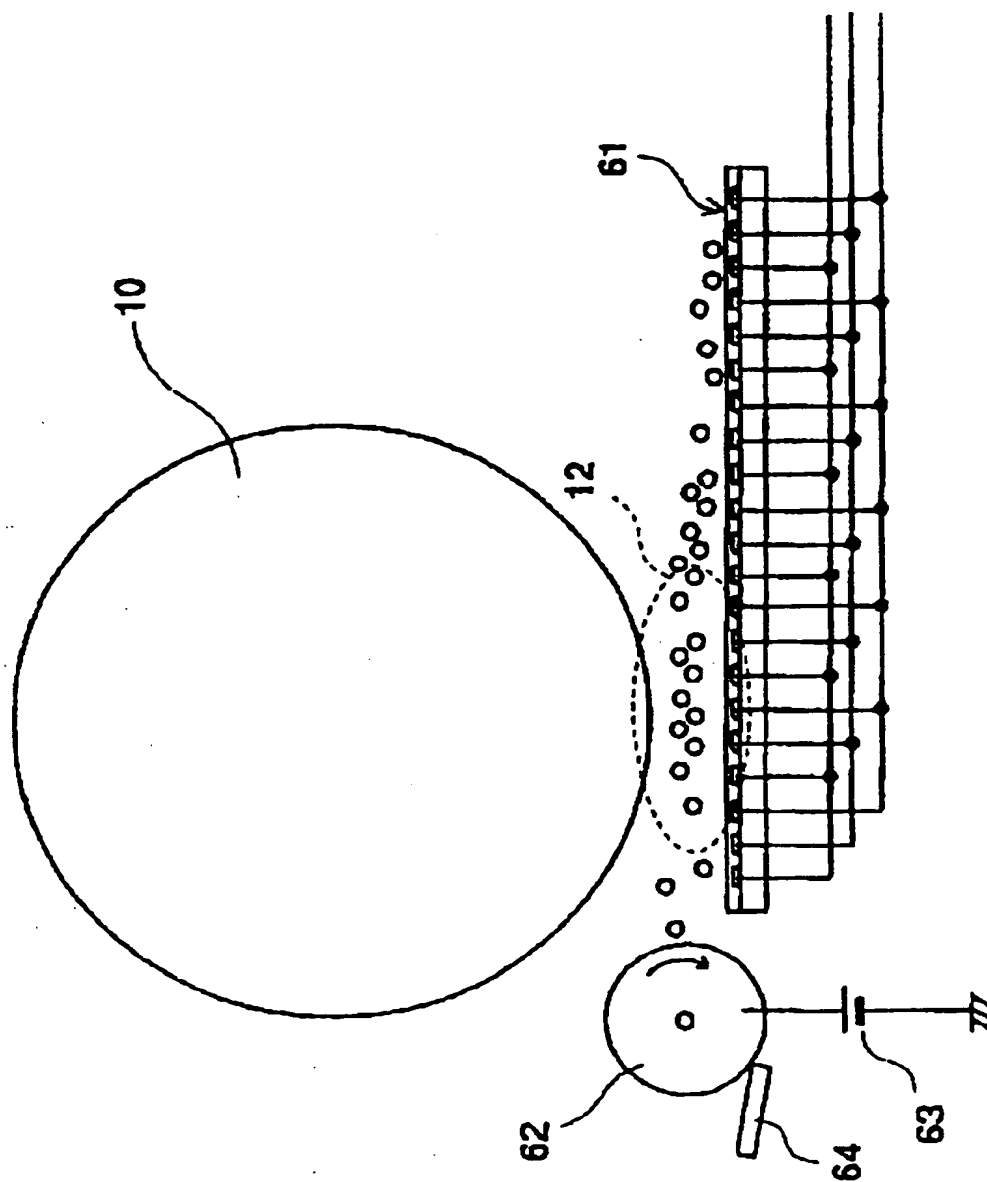


FIG. 58

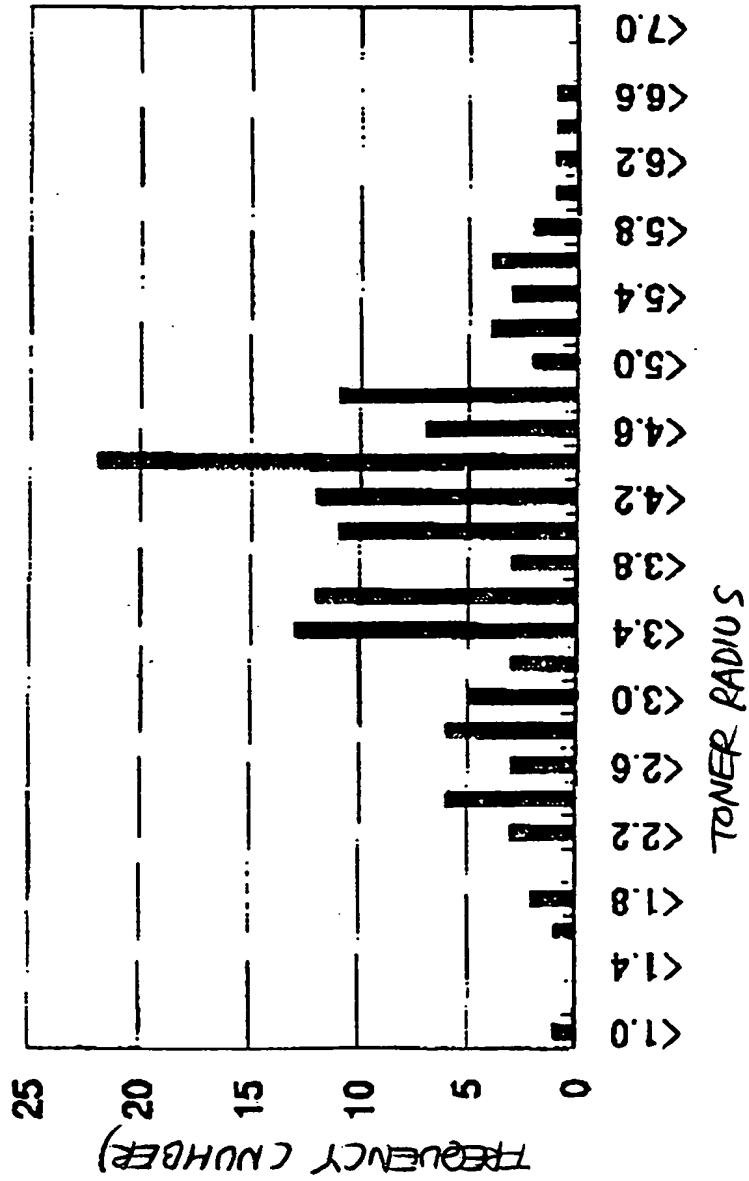


FIG. 59

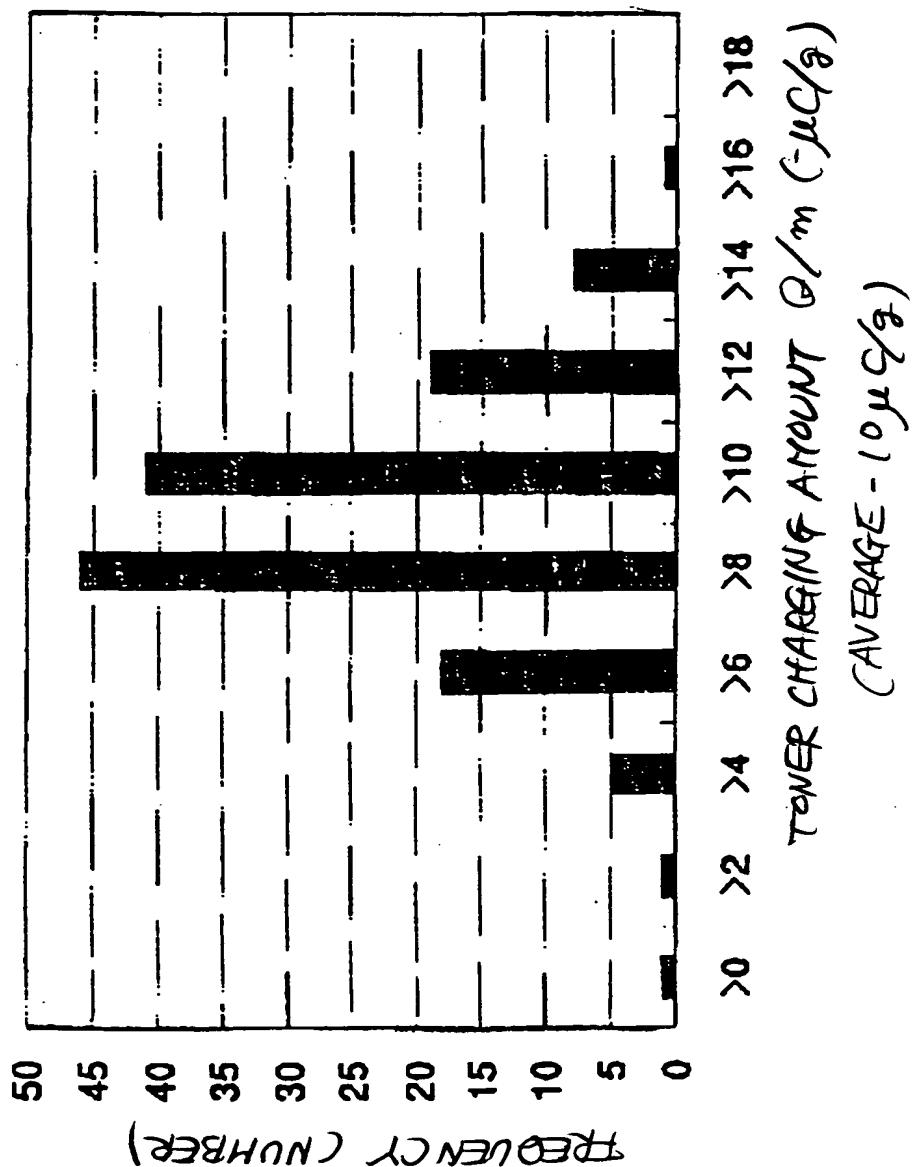


FIG. 60

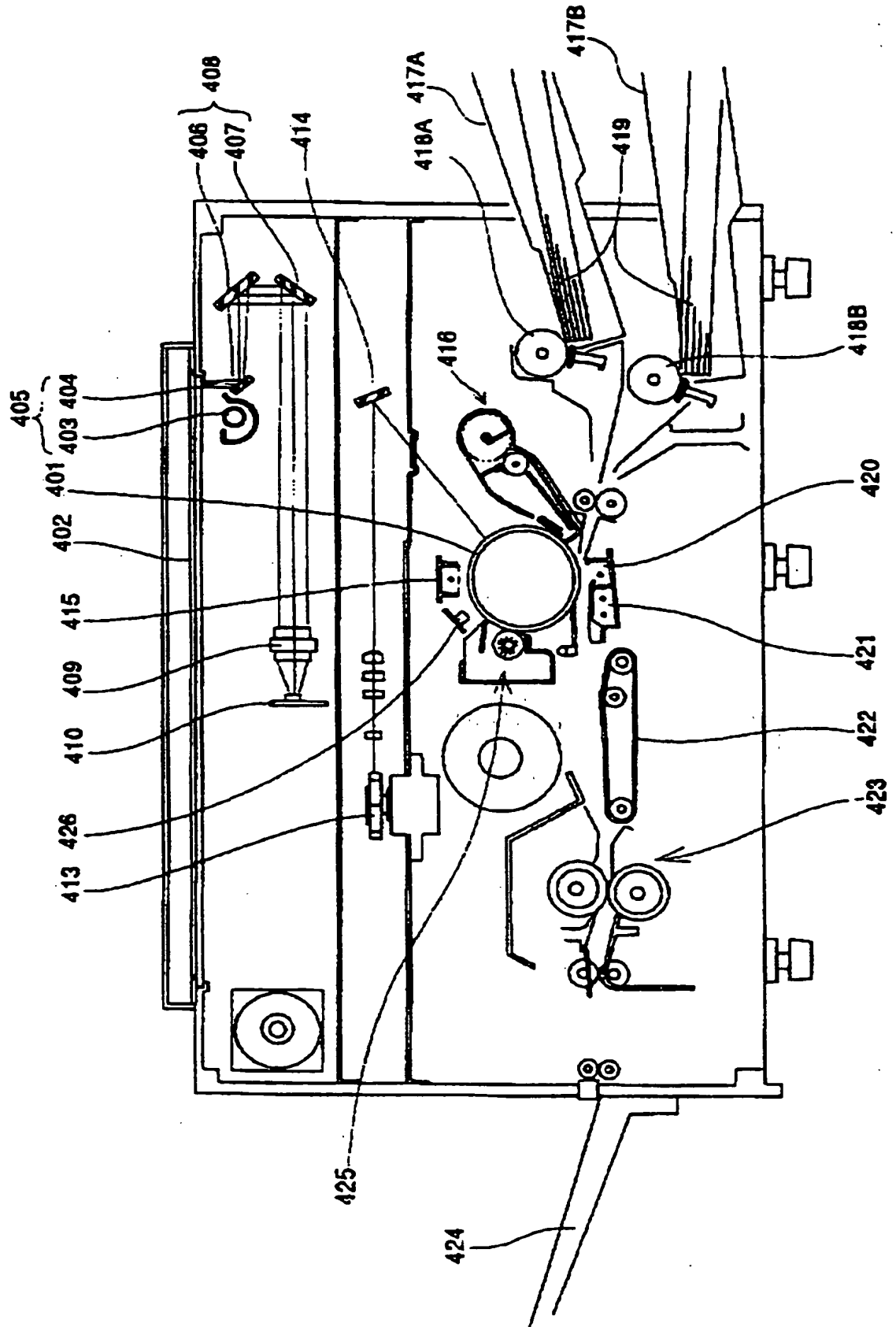
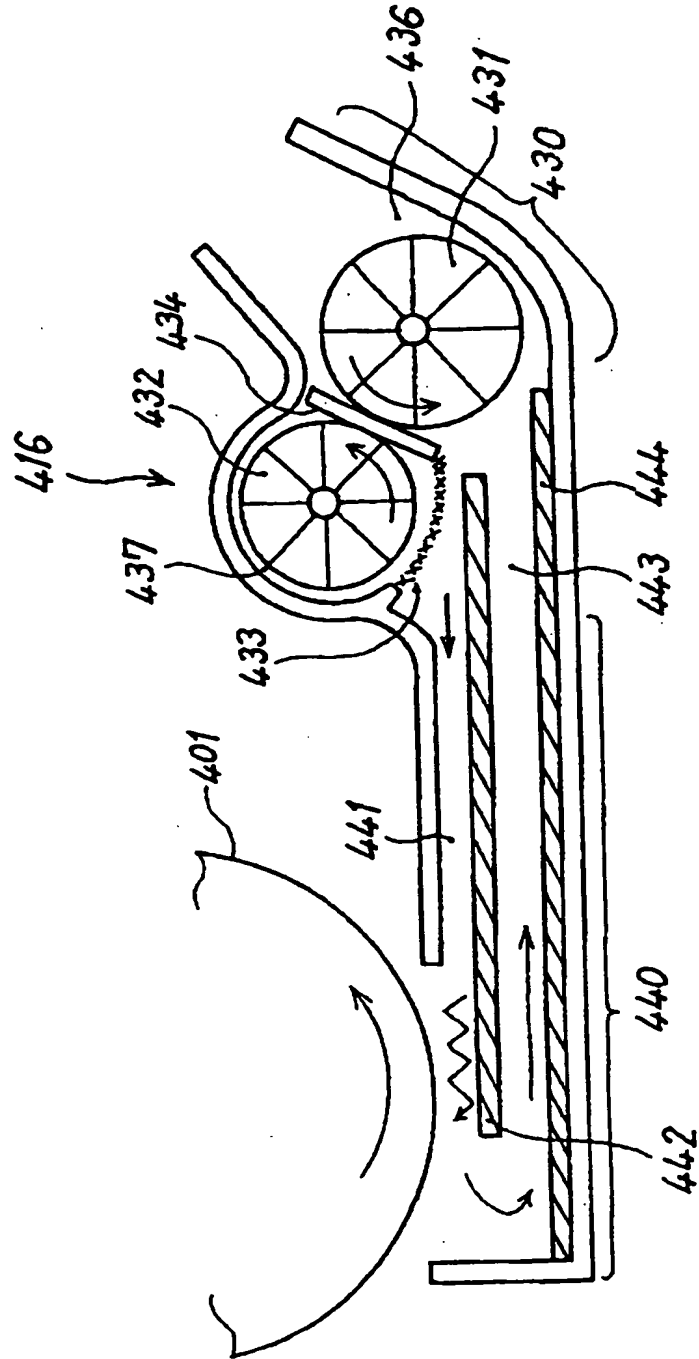


FIG. 61



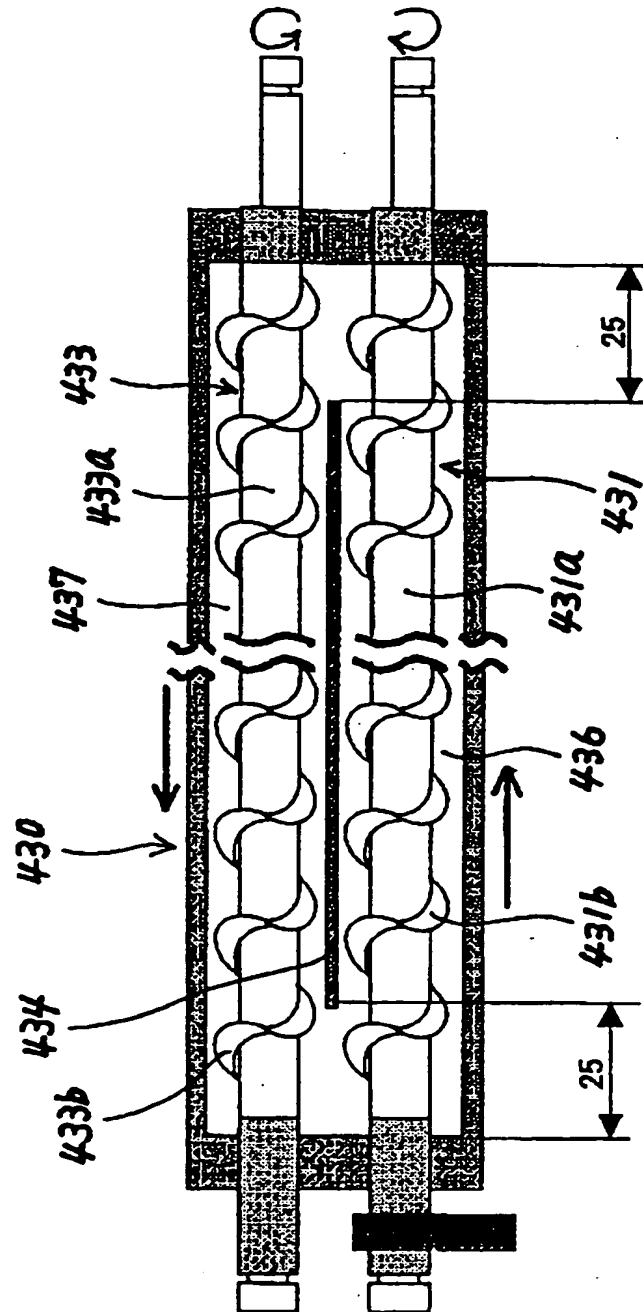


FIG. 63

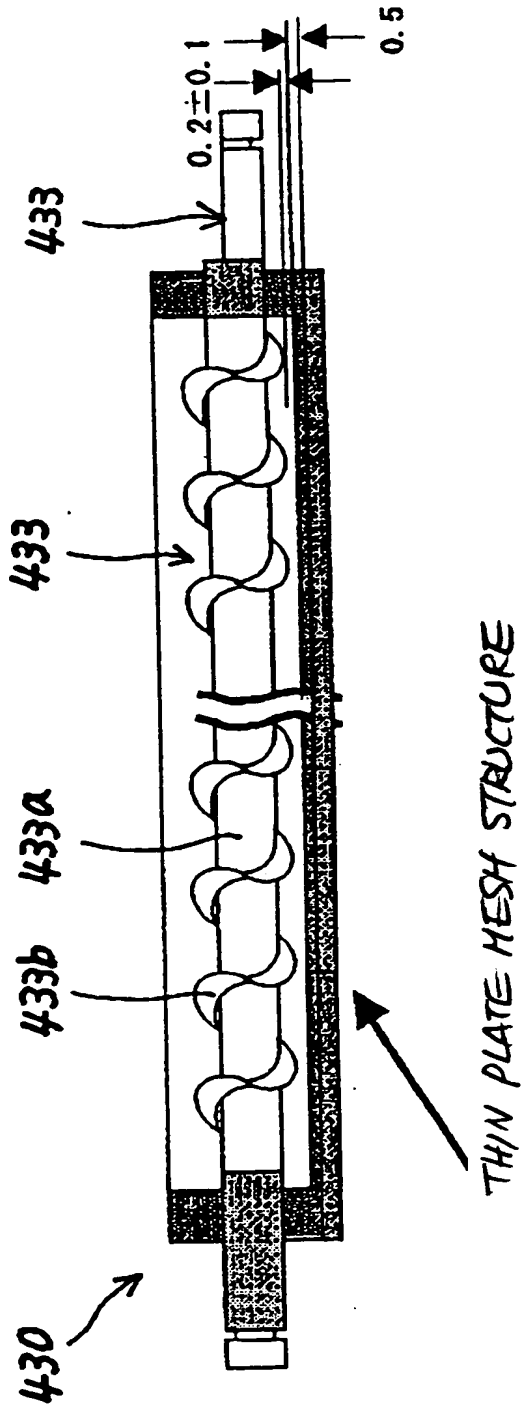
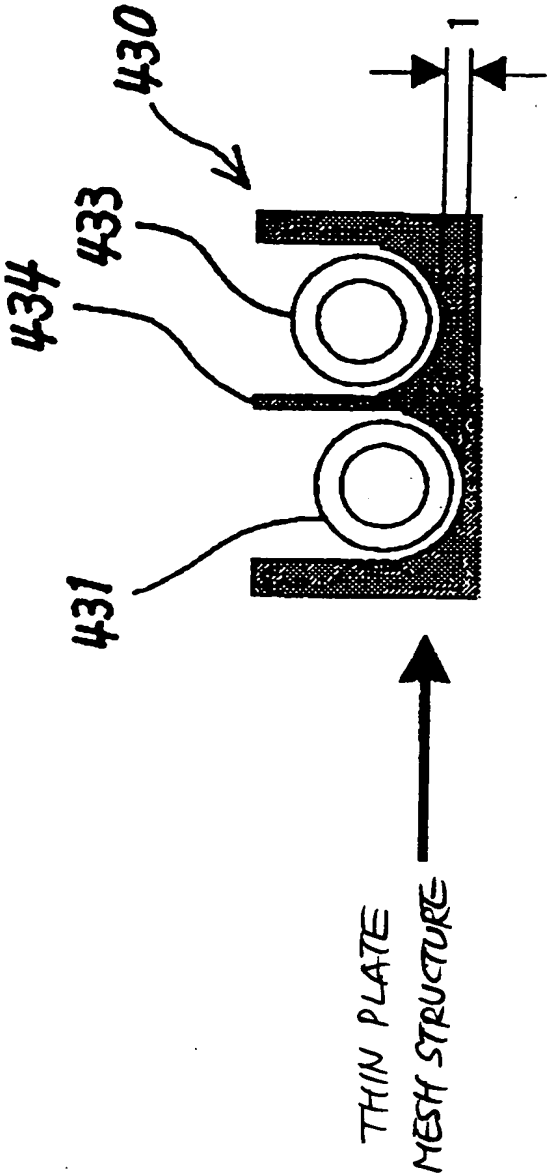


FIG. 64



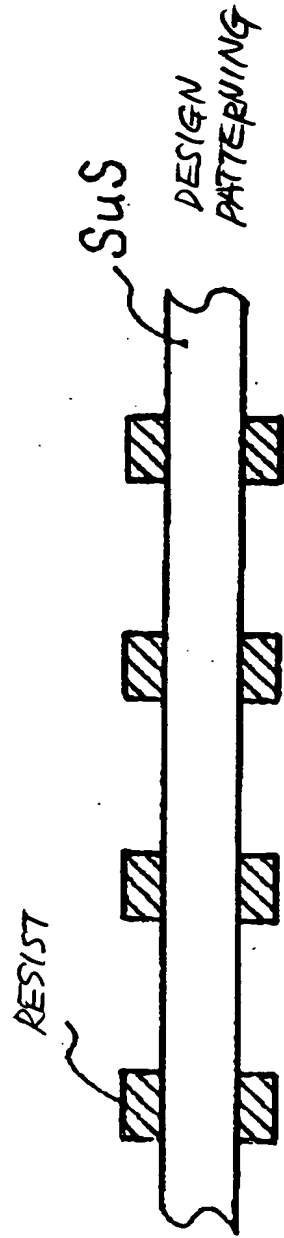


FIG. 65A



FIG. 65B

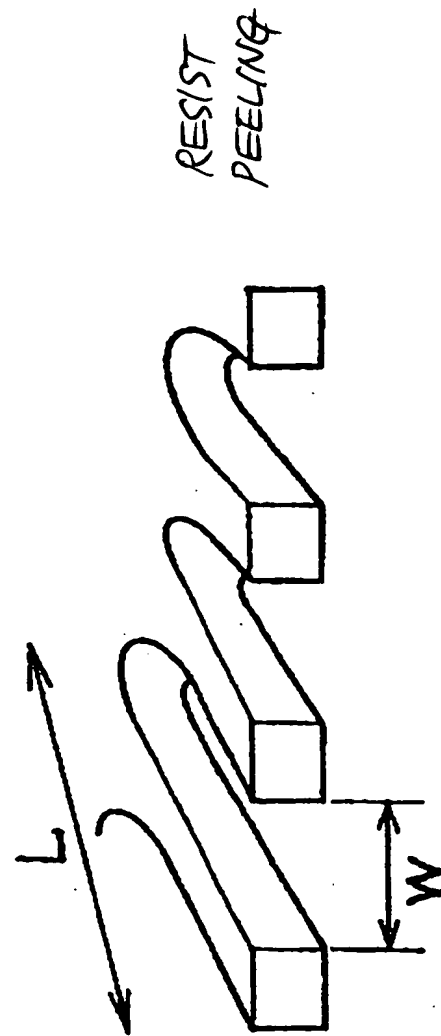


FIG. 65C

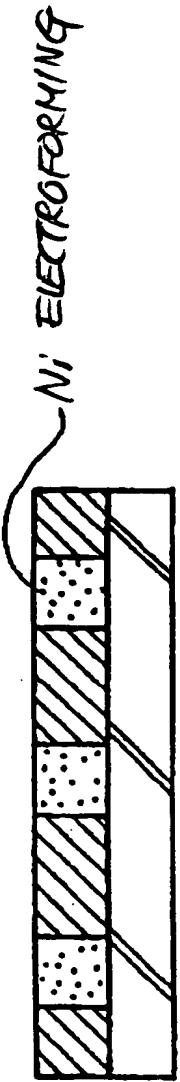
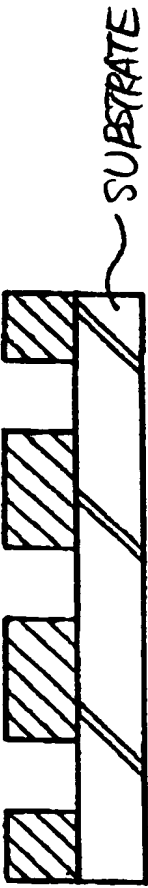


FIG. 66A

FIG. 66B

FIG. 66C

FIG. 67A

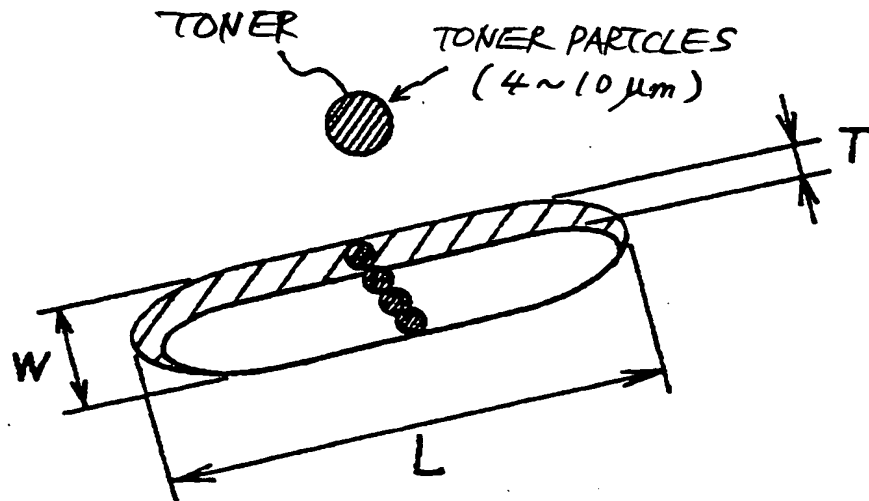


FIG. 67B

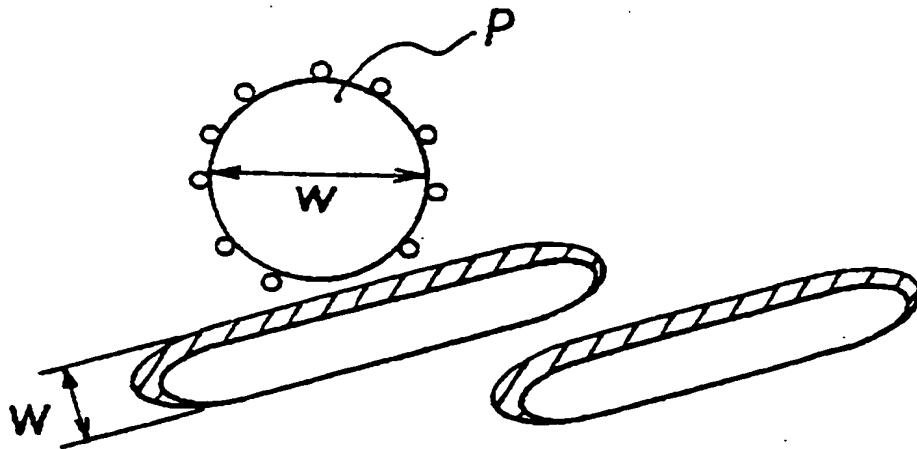


FIG. 68

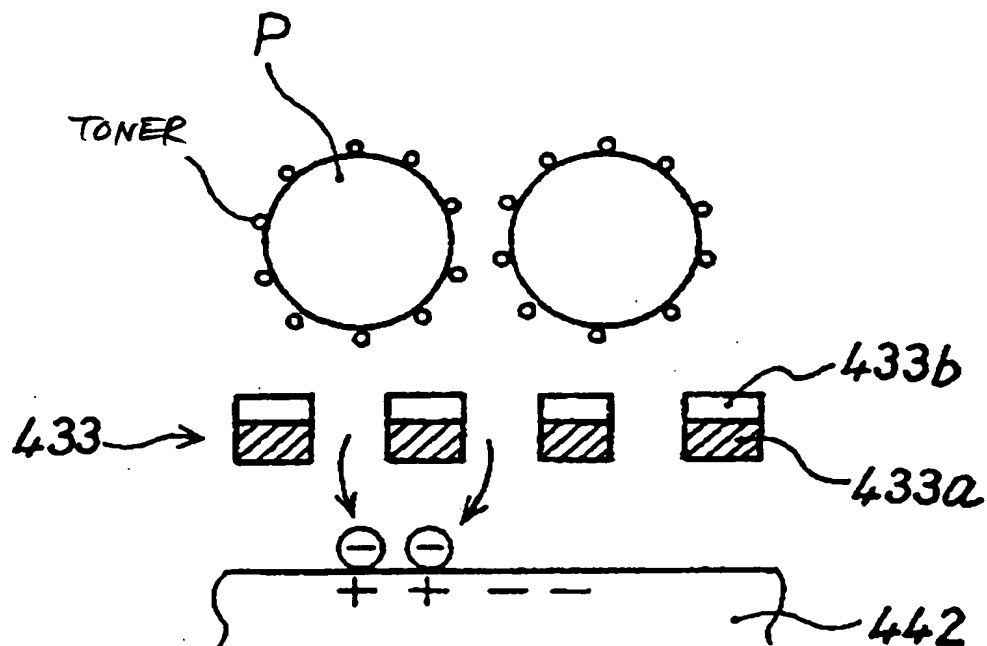


FIG. 69

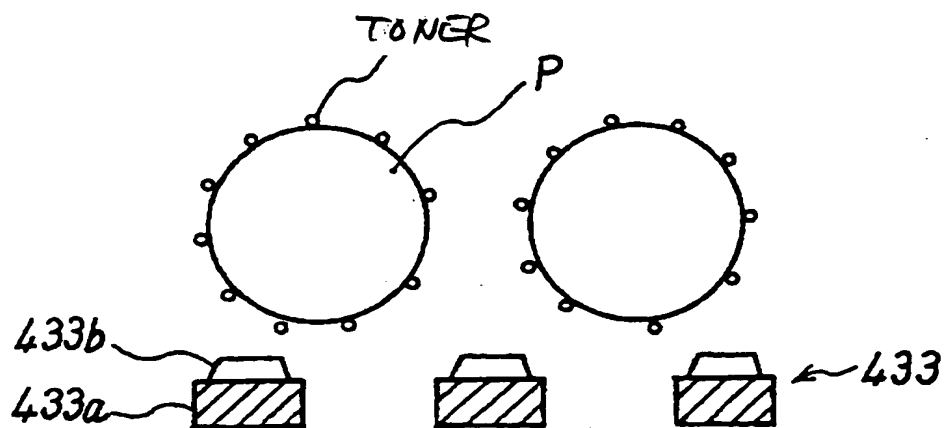


FIG. 70

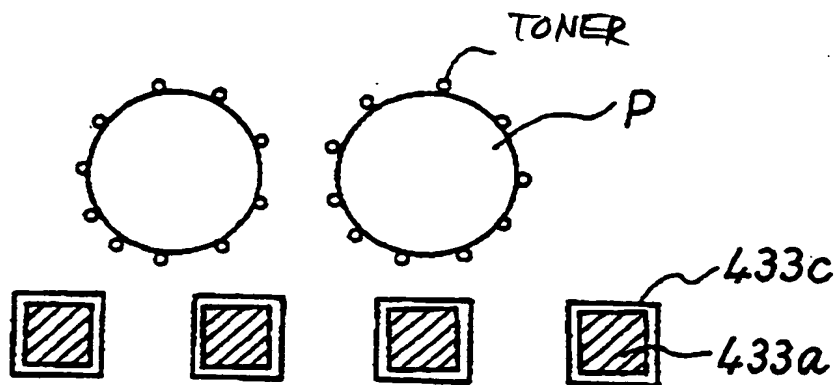


FIG. 71

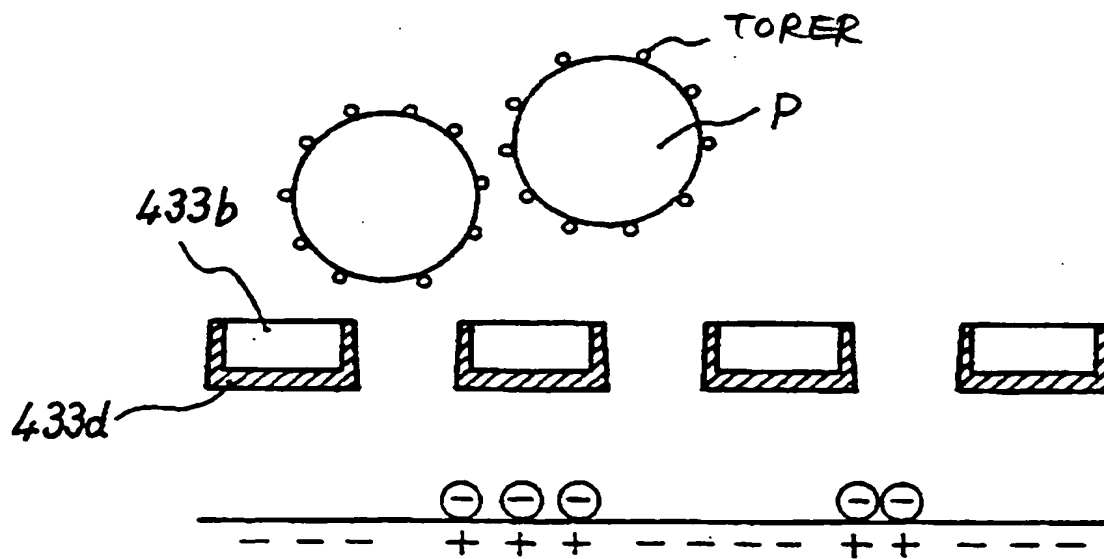


FIG. 72

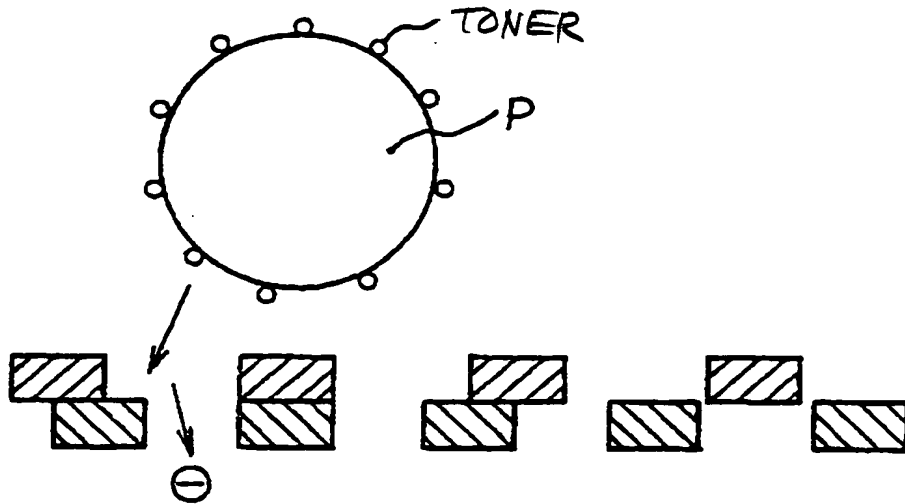


FIG. 73

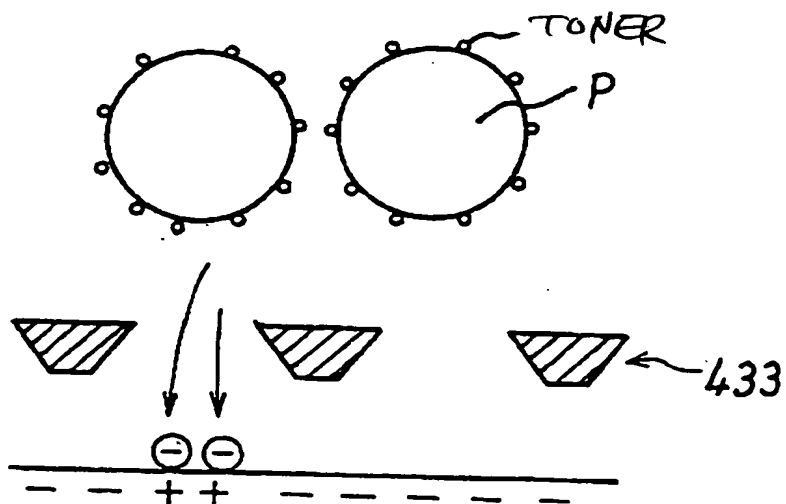
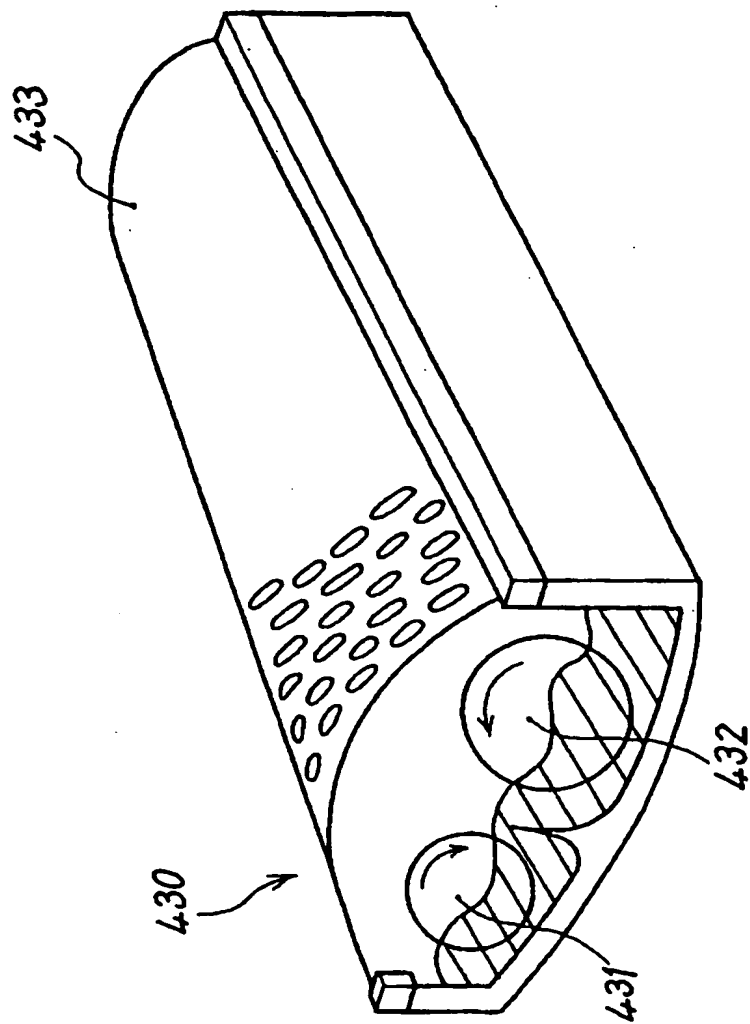


FIG. 74



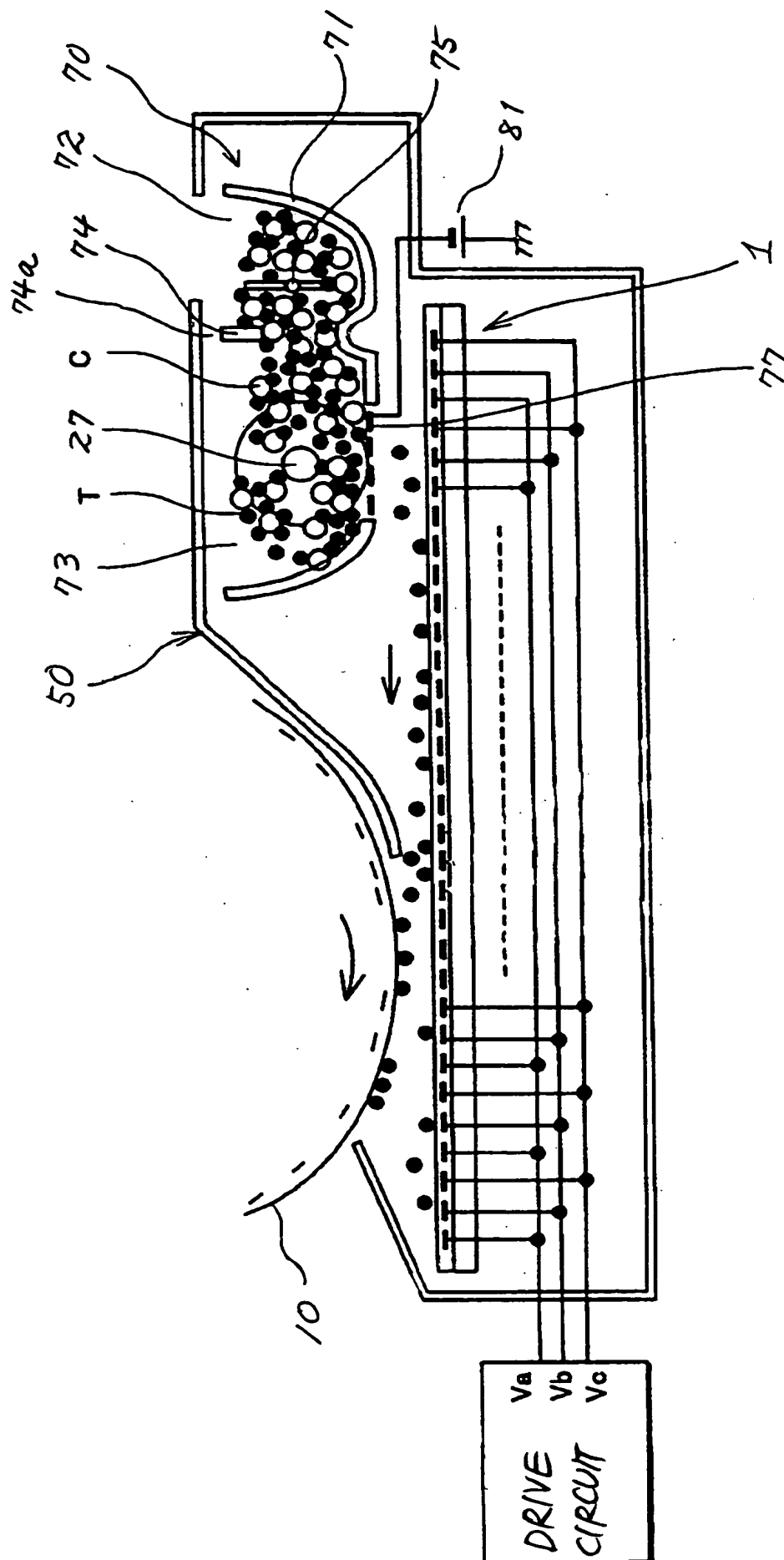


FIG. 76

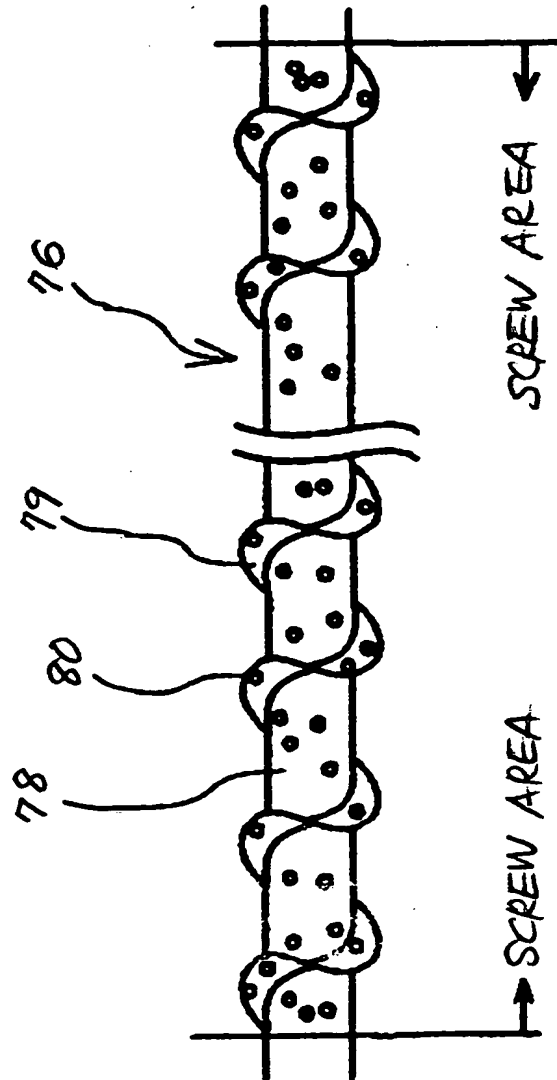


FIG. 77

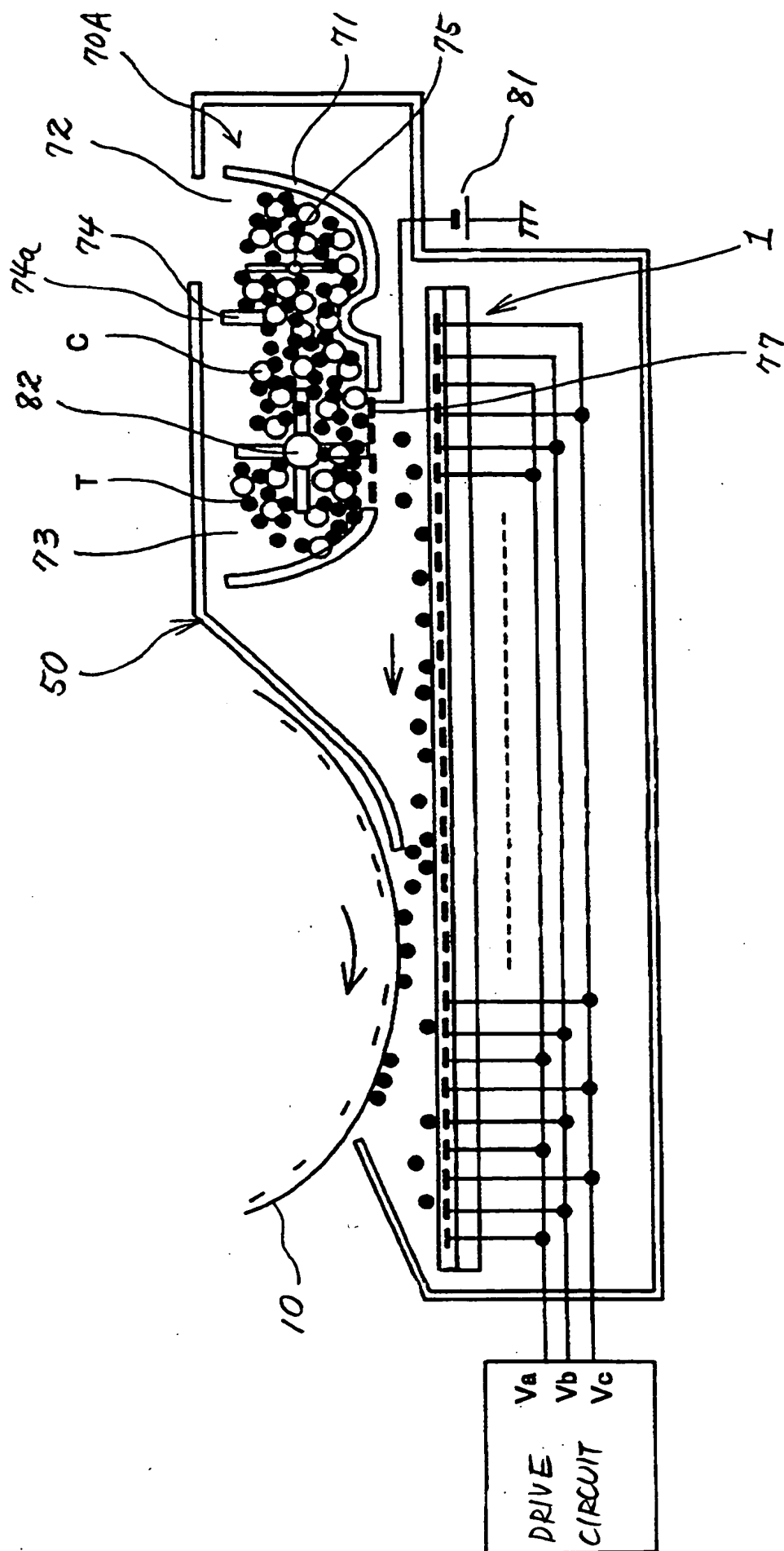


FIG. 78

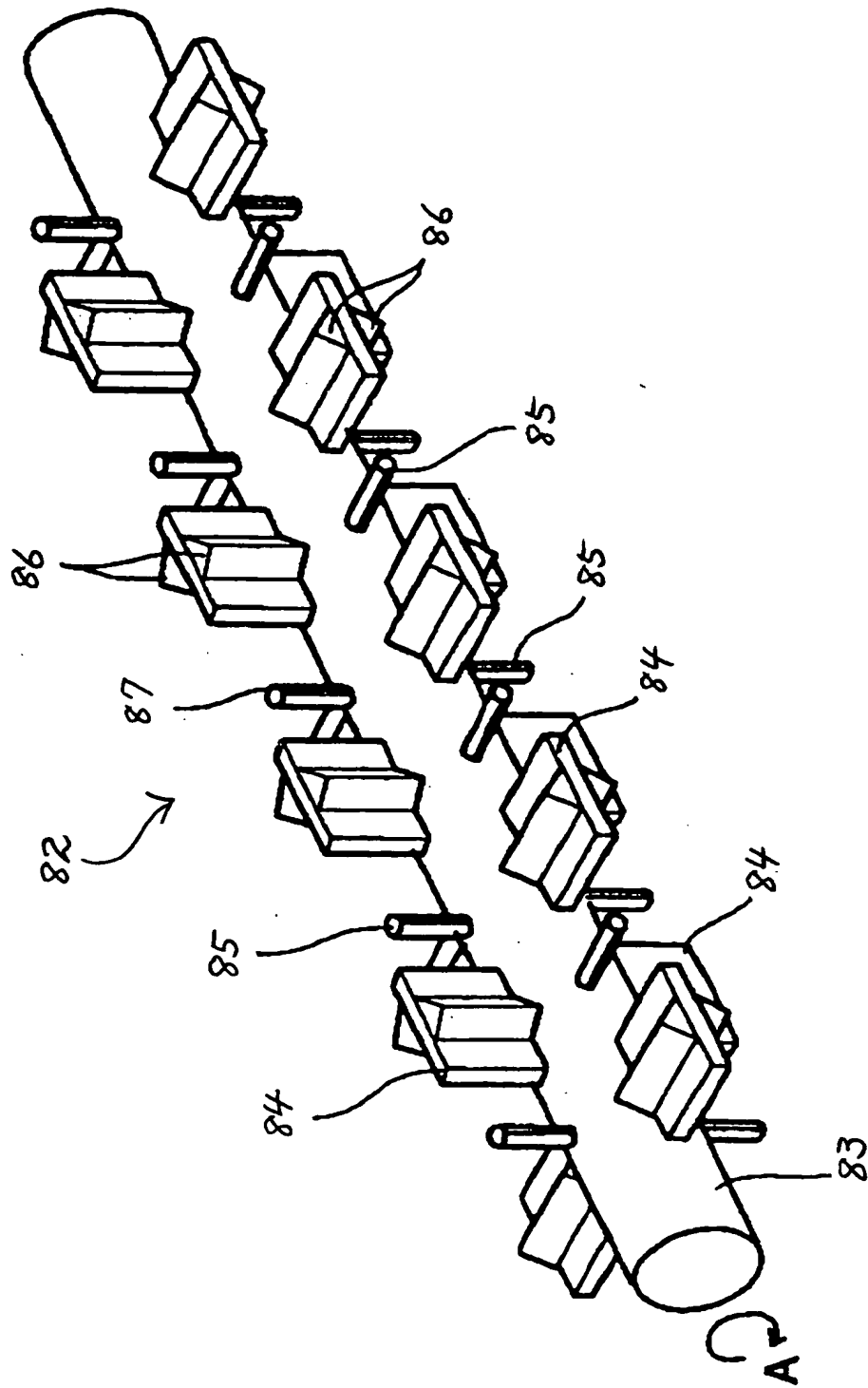


FIG. 79A

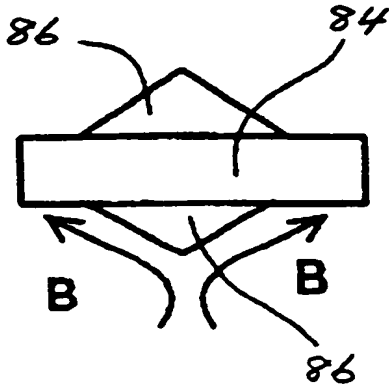


FIG. 79B

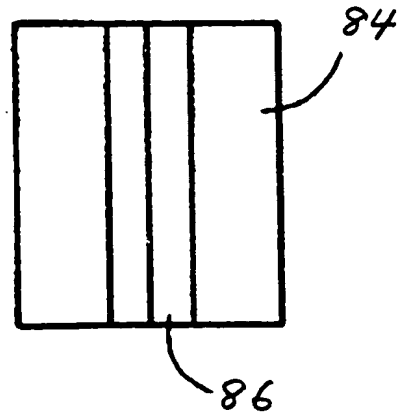


FIG. 80A

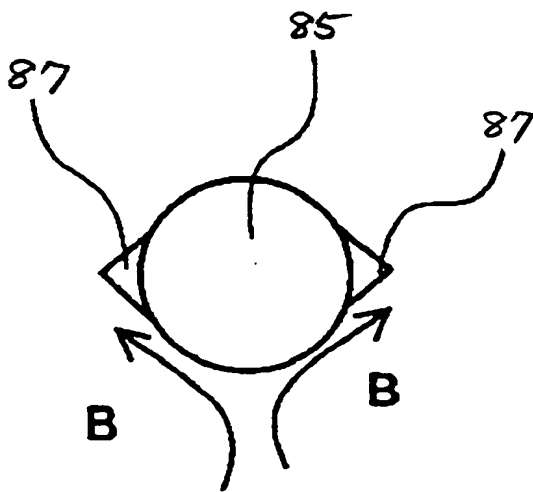


FIG. 80B

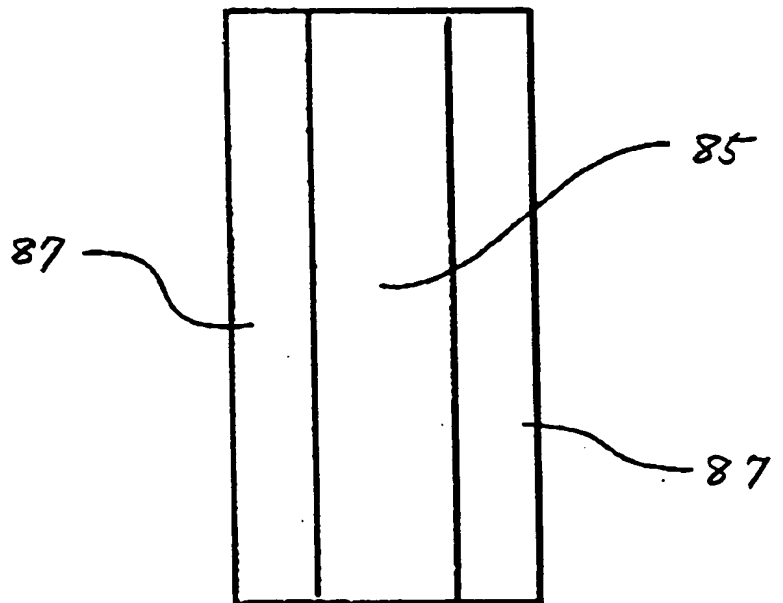


FIG. 81

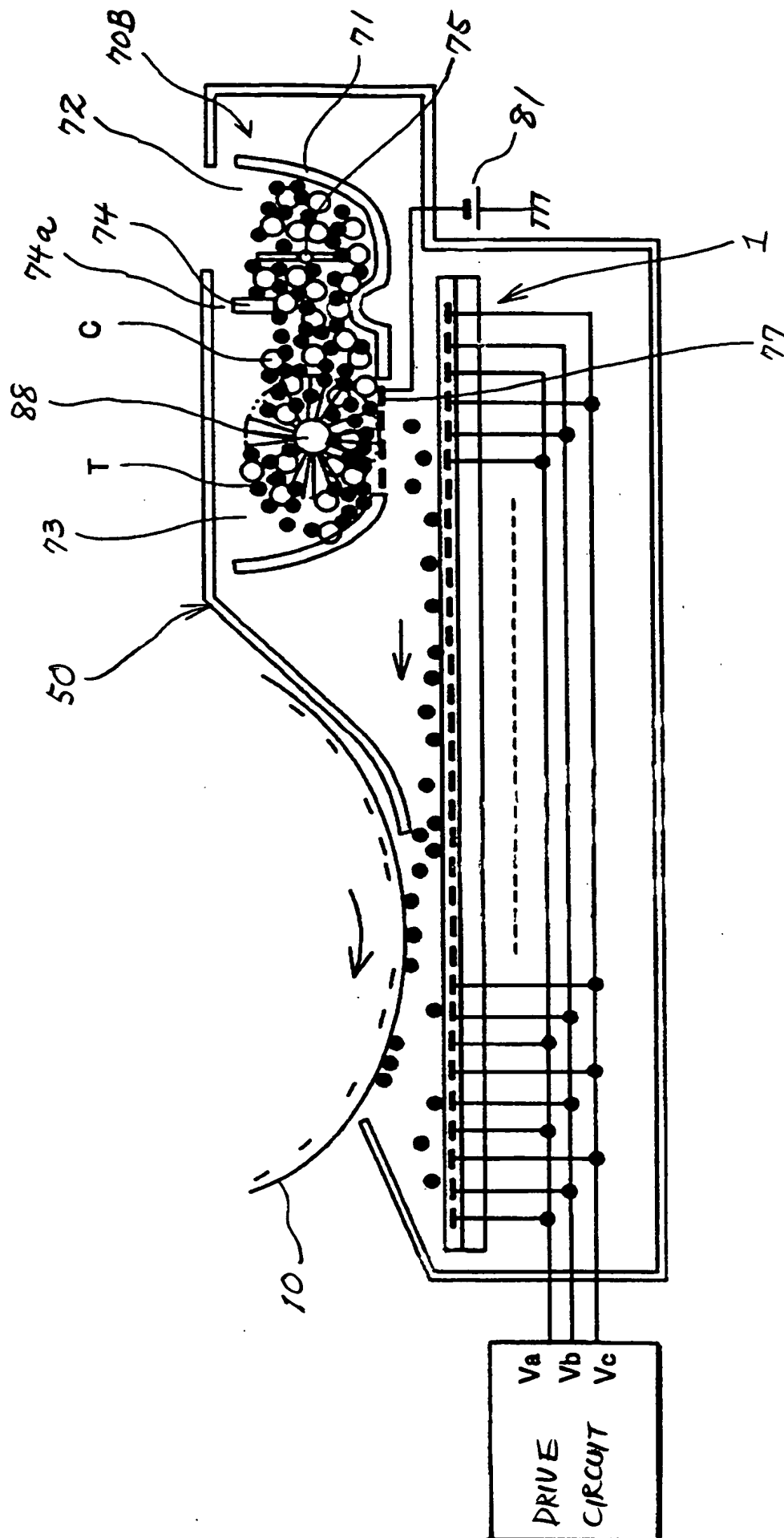


FIG. 82

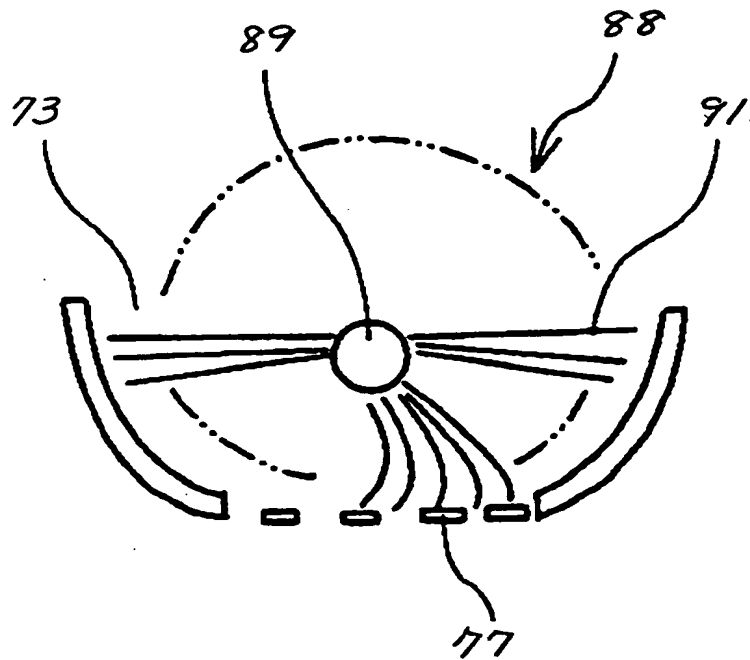


FIG. 83

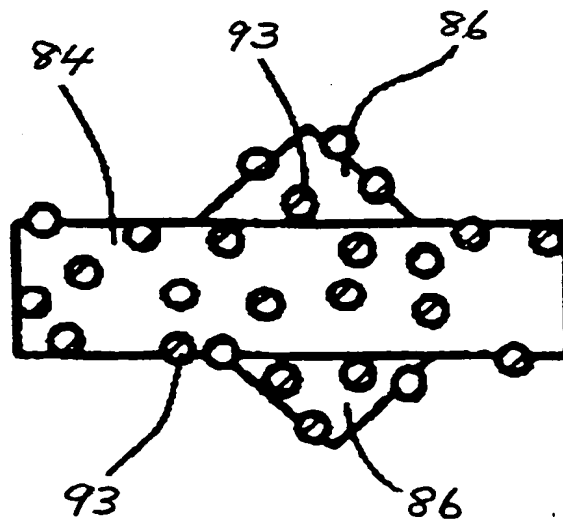


FIG. 84

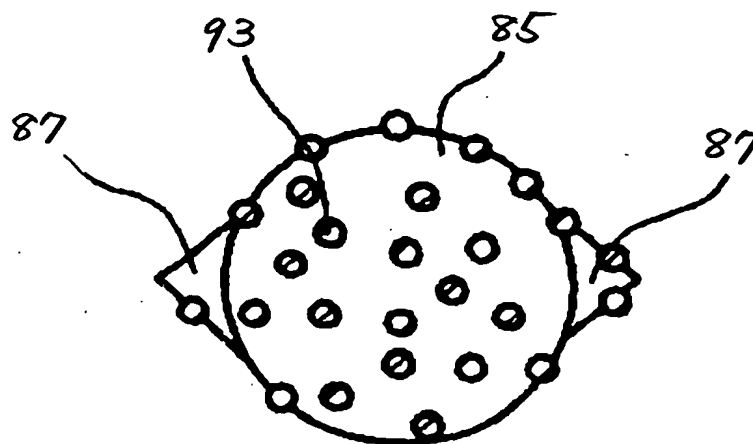


FIG. 85

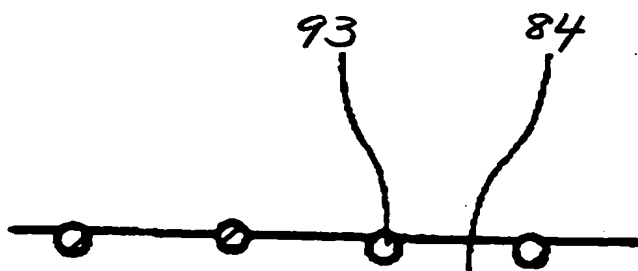


FIG. 86

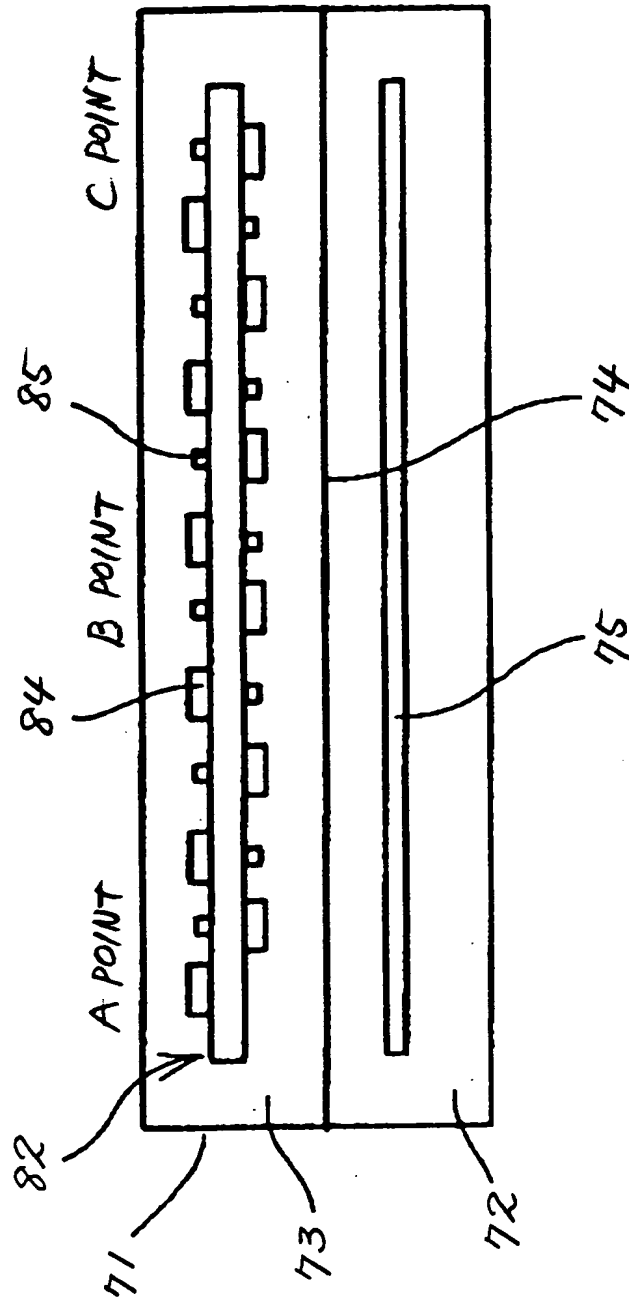


FIG. 87

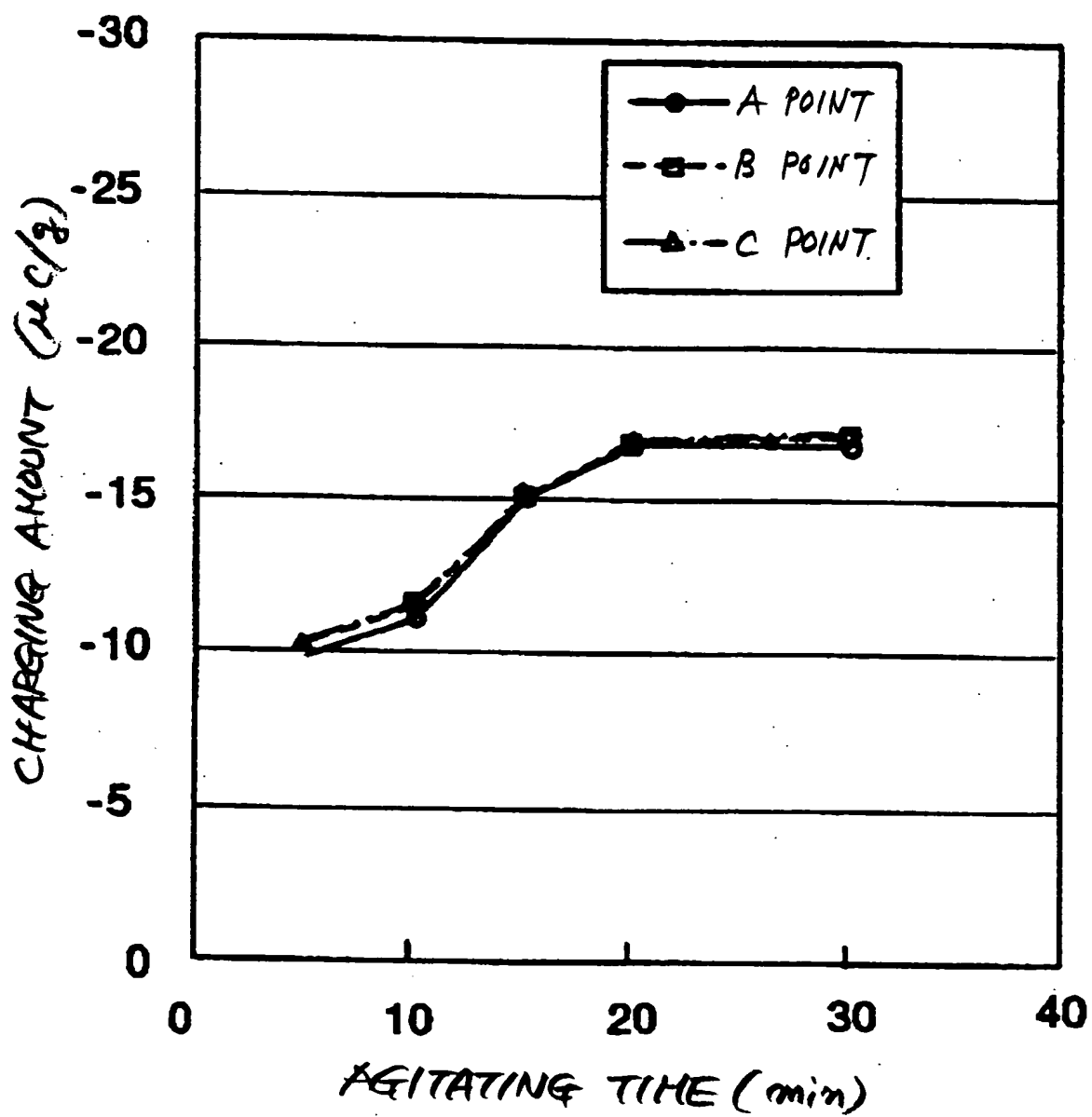


FIG. 88

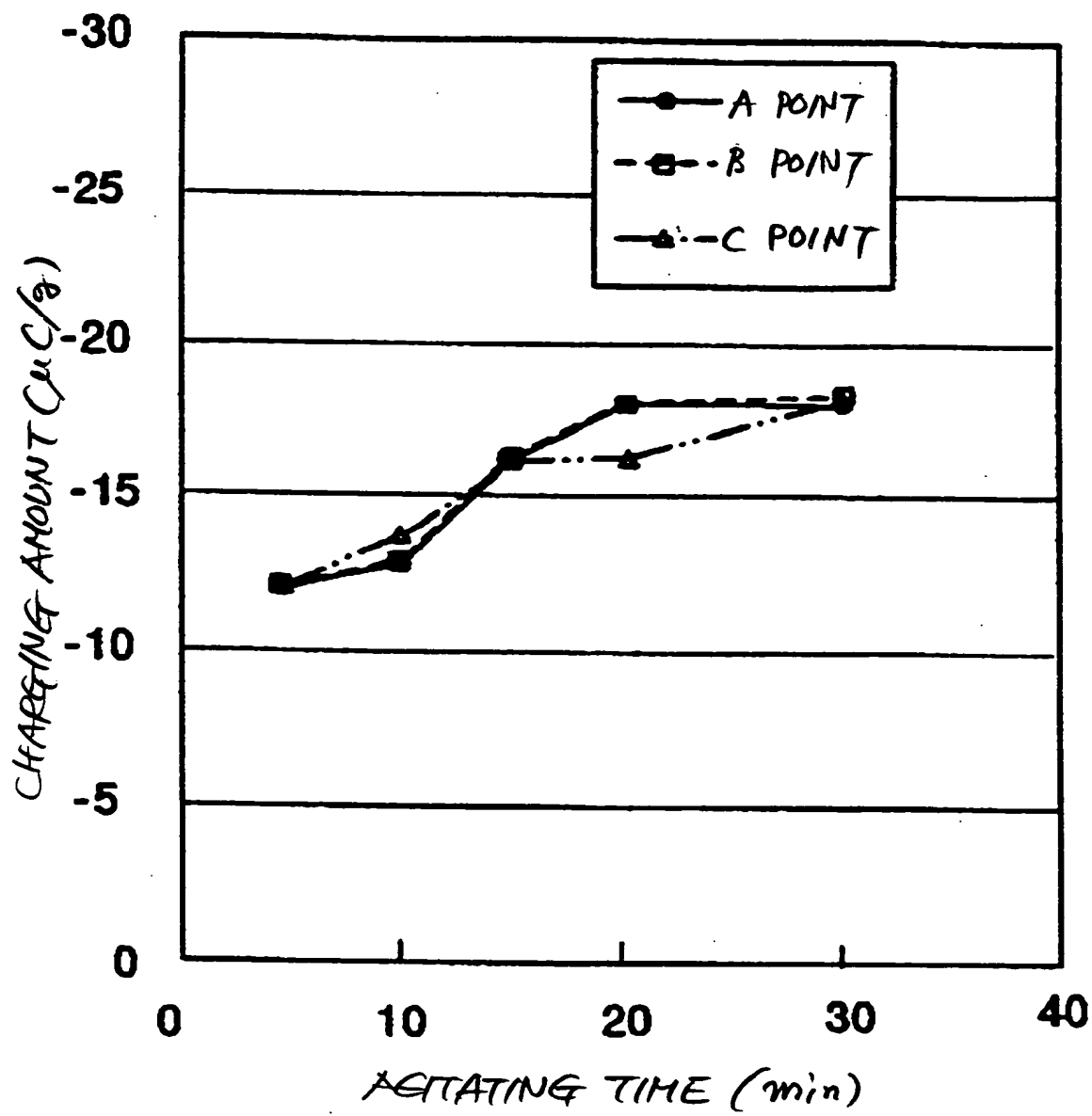


FIG. 89

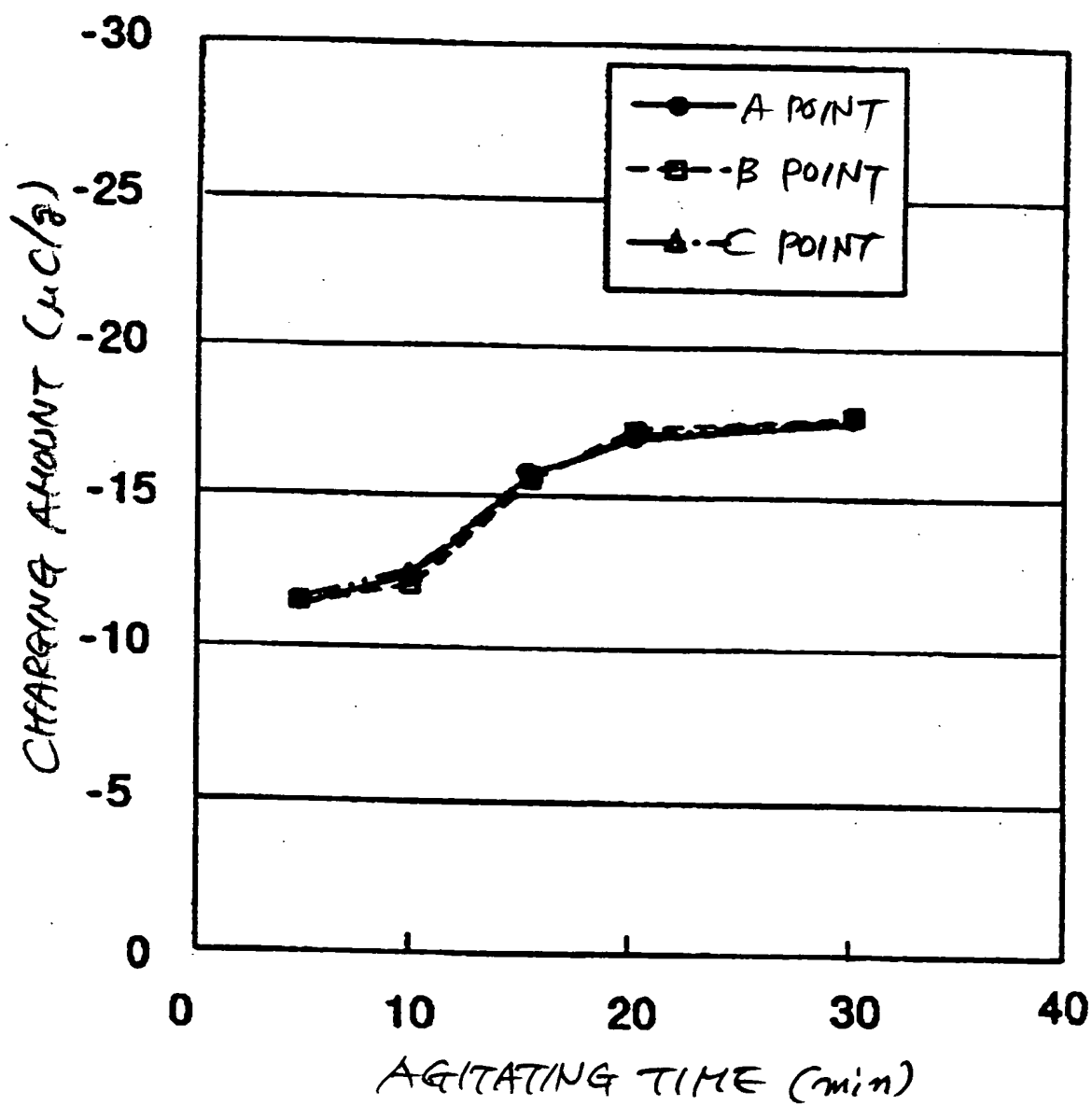


FIG. 90

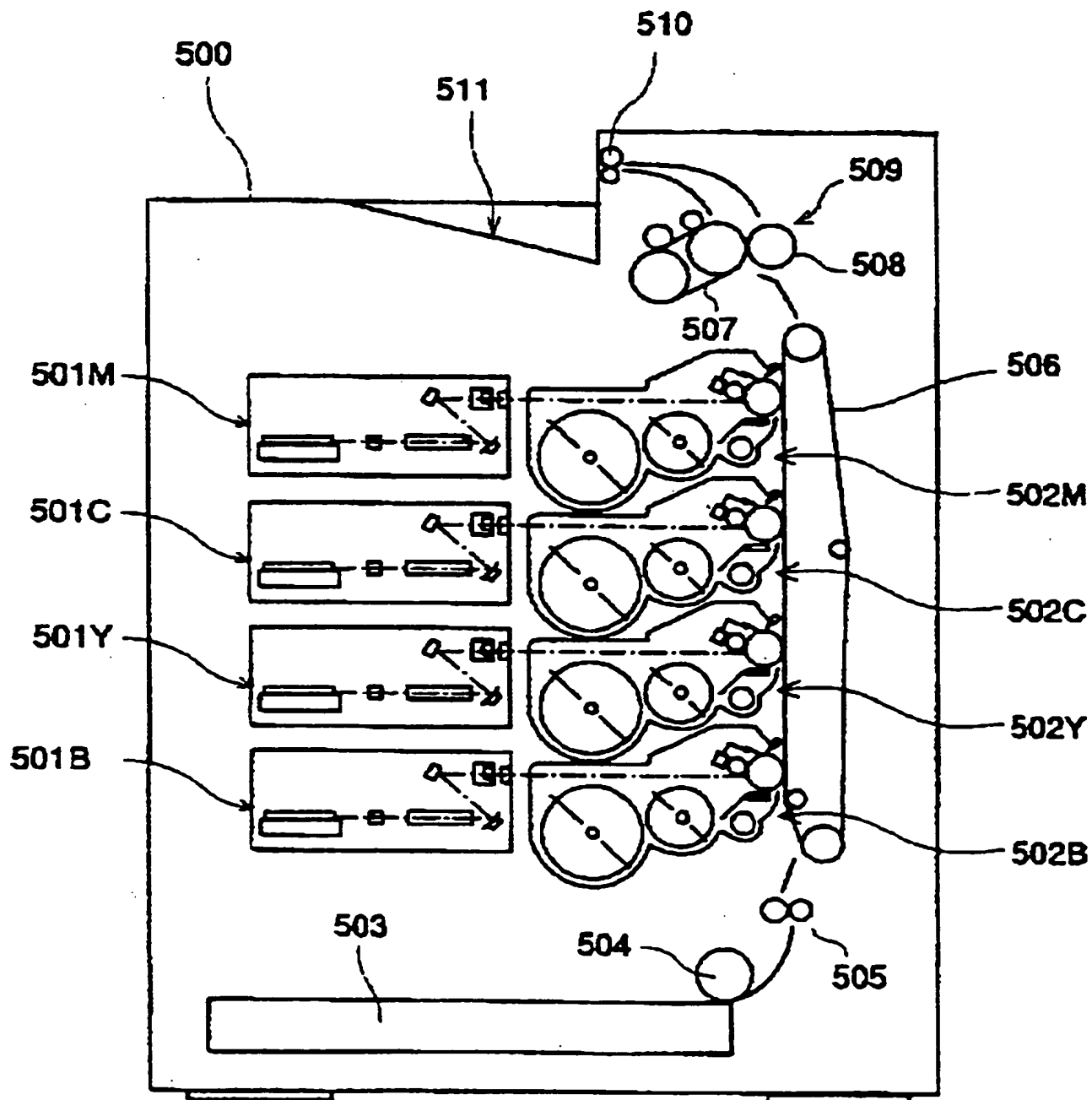


FIG. 91

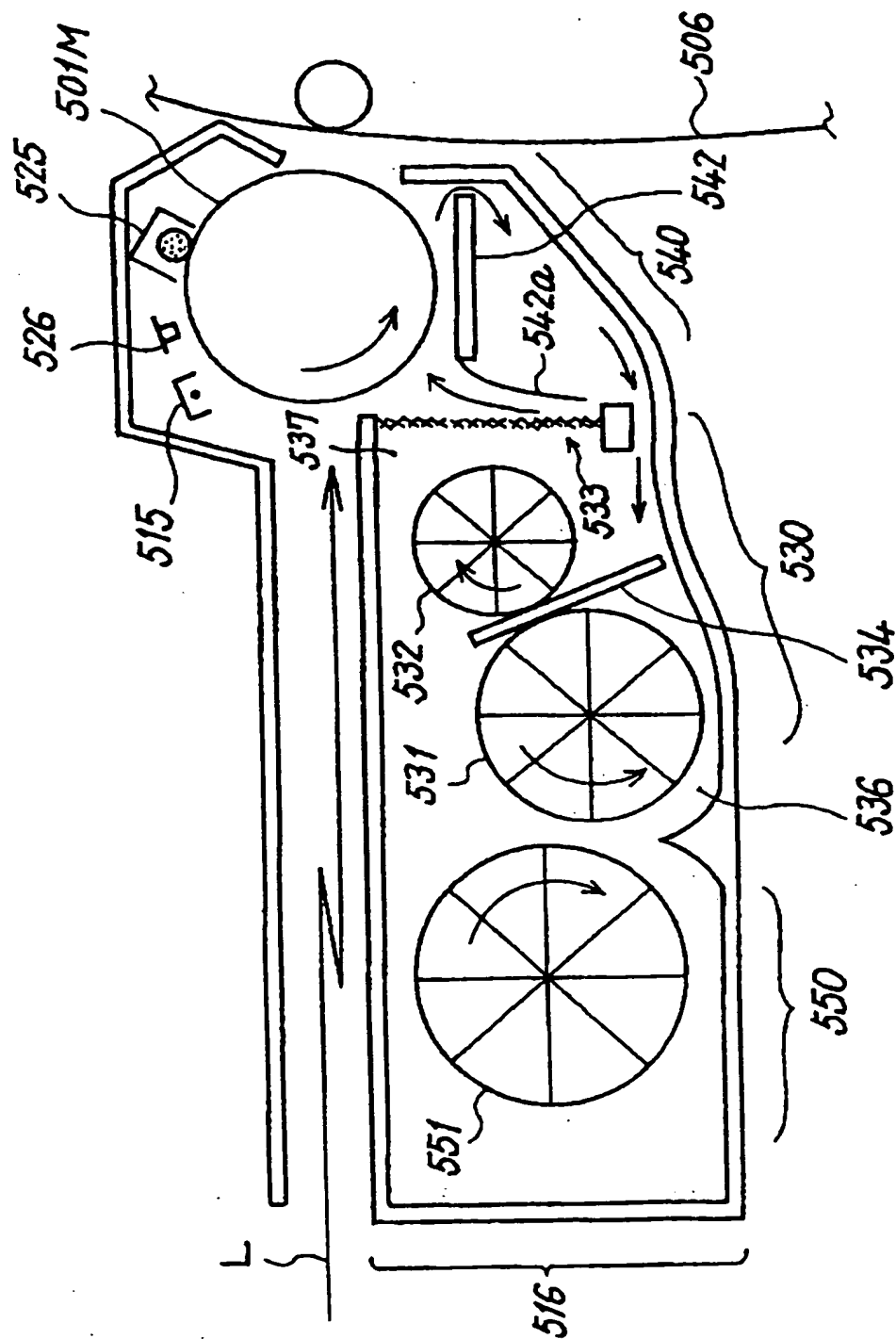


FIG. 92

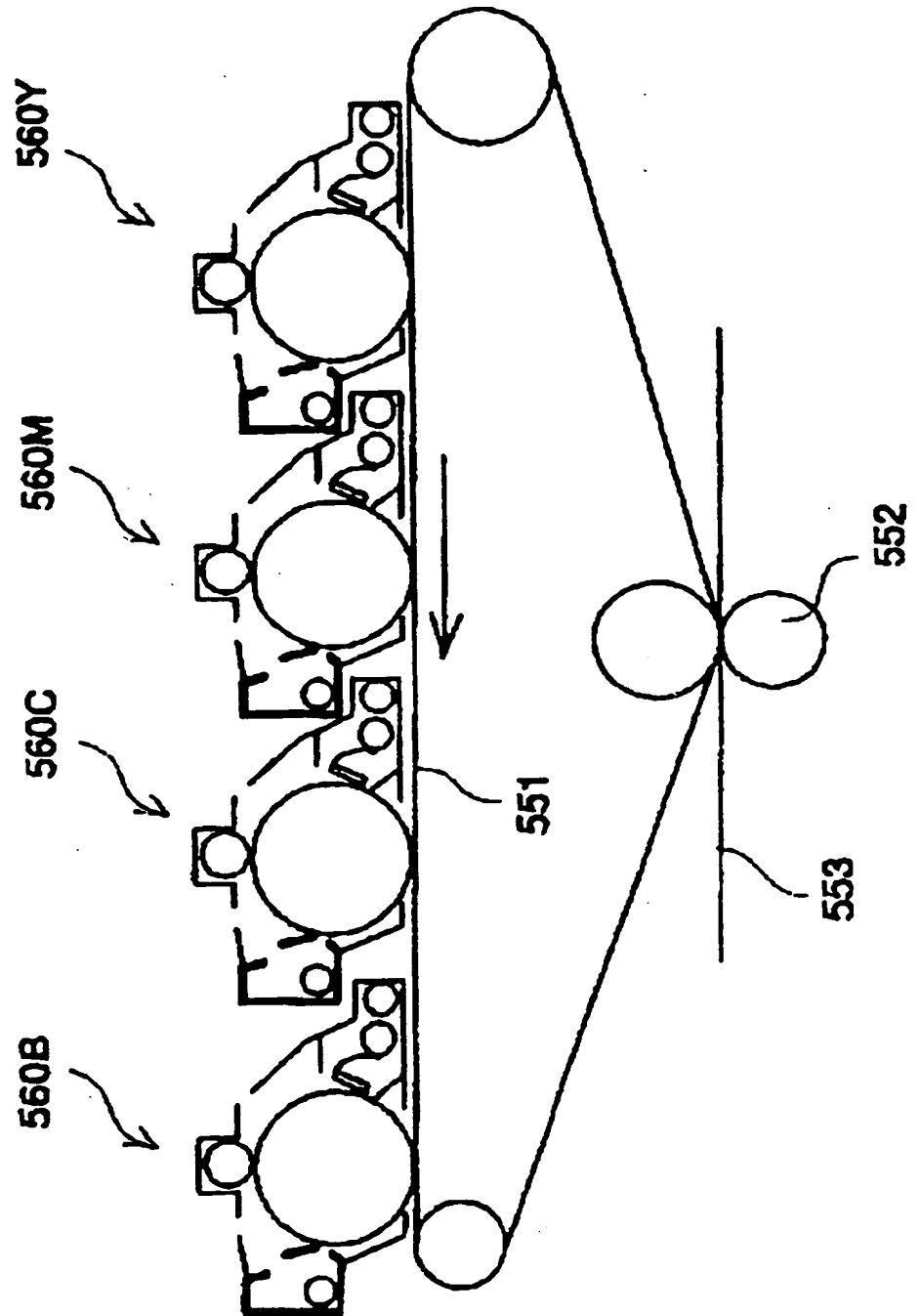


FIG. 93

